User Guide

SmartChem is designed for simplicity, ensuring a smooth experience in accessing essential information.



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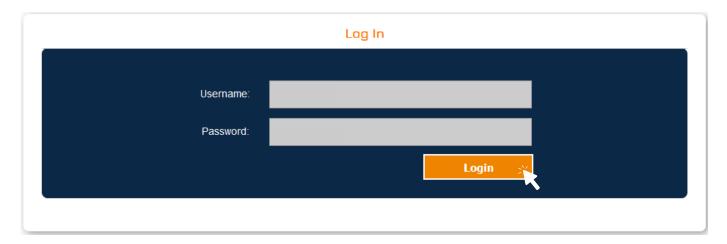
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Searching for Chemicals

Welcome to SmartChem, your smart solution for chemical information. Follow these simple steps to search for any chemical in SmartChem:

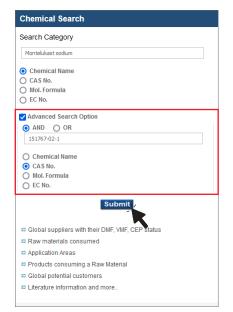
1. Logging into SmartChem

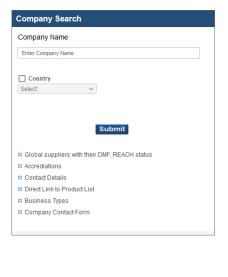
- i. Open your web browser and navigate to the SmartChem login page: https://smartchem.row2technologies.com
- ii. Enter your username and password.
- iii. Click on the "Login" button.



2. Search the Desired Chemical

- i. Type the Chemical name or cas No or EC No or Mol. formula of the desired chemical into the search bar.
- ii. SmartChem will provide suggestions as you type, helping you find the correct chemical quickly.
- iii. After entering the desired chemical name, click on the "Submit" button.





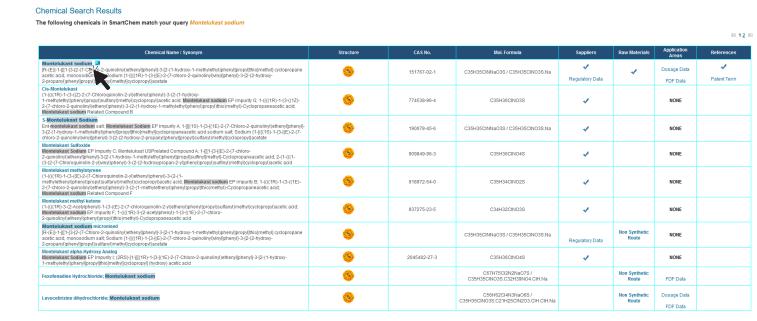


iv. Use "AND" or "OR" options to add additional search terms, such as Chemical name or cas No or EC No or Mol. formula to refine your search.

1

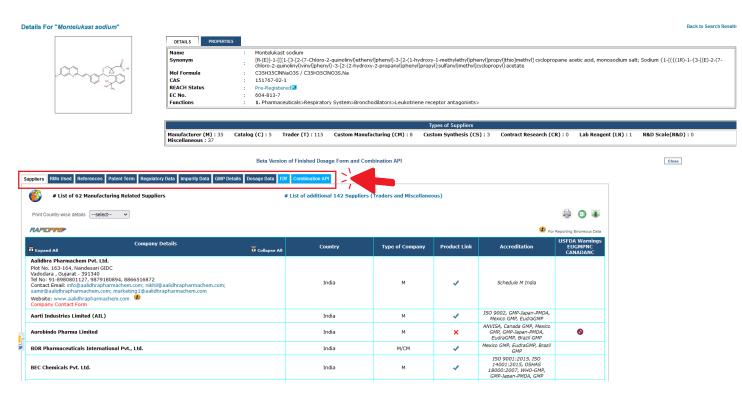
2. Chemical search results

- i. SmartChem will now display relevant information about the chemical you searched for, including its properties, cas number and other details like suppliers, raw materials, application areas, references, FDF data, patent term.
- ii. Click on the **chemical name** to access the chemical information page



3. Chemical information page

Click on the relevant tab to access the information.

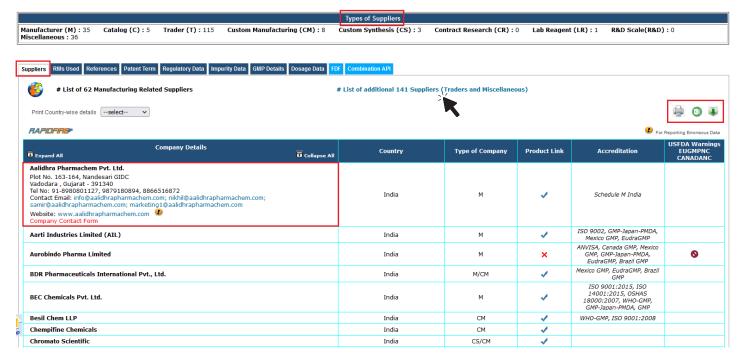


Searching for Suppliers

Follow these simple steps to search for any Suppliers in SmartChem:

1. Accessing suppliers

- i. On chemical search result page click on the "✓" or the chemical name to see suppliers details.
 On Chemical information page click on the supplier's tab.
- ii. Suppliers are classified as Manufactures (M), Catalog (C), Trader (T) and summarised as "Type of Suppliers".
- iii. Suppliers are catagorised in two lists one with manufacture related suppliers & other trader related suppliers.
- iv. The list of companies will display essential details such as **name**, **address**, **contact information**, **accreditation**, and the **product link**.
- v. Click on the company name to see the company details.
- vi. Click on the "✓" icon to get the product link on the supplier's website.



- vii. This list can be sorted alphabetically by clicking on the company name or any other column like country, type of company, Accreditations etc.
- viii. Click on the icons 🚇 🐧 🕡 to print or download this information in excel sheets.
- ix. For additional Insights, you can view Non-Compliance details by clicking on the icons. \delta 🚳 🔕

Non Compliance Details for : Aurobindo Pharma Limited

NOTE: US-FDA-warning letters information is company specific only.

Warning Details								
Company Name	FEI No.	Address	Country	Warning Letter No.	Product/Issue	Date Of Inspection	Date Of Issue	Import Alerts
Aurobindo Pharmaceutical Limited	FEI	Floor No.?s 22, 23 & 24 Galaxy, Plot No-1, Survey No: 83/1, Hyderabad Knowledge City Raidurg Panmaktha, Ranga Reddy District, Hyderabad 500081 Telangana, India		320-22-10	CGMP/Active Pharmaceutical Ingredient (API)/Adulterated	August 2 to 12, 2021	01/12/2022	

Source: U.S. Food and Drug Administration

Information updated as per data published by US-FDA in the month of October, 2023

Report erroneous data

Follow these simple steps to report erroneous data in SmartChem:

1. Report erroneous data

i. If you find incorrect information, click on the " ...".

Company Details Expand All	Collapse All	Country	Type of Company	Product Link	Accreditation	USFDA Warnings EUGMPNC CANADANC
Aarti Industries Limited (AIL) Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (West) Mumbai, Maharashtra - 400080 Tel No: 91-22-67976697, 67976666, 9920899935, 84596144931 Fax No: 91-22-67976660, 25905793 Contact Email: info@aarti-industries.com Website: www.aarti-industries.com Company Contact Form		India	М	4	ISO 9002, GMP-Japan-PMDA, Mexico GMP, EudraGMP	

- ii. A popup will appear.
- iii. Select which field needs correction, click "Submit".



How to use RapidFire

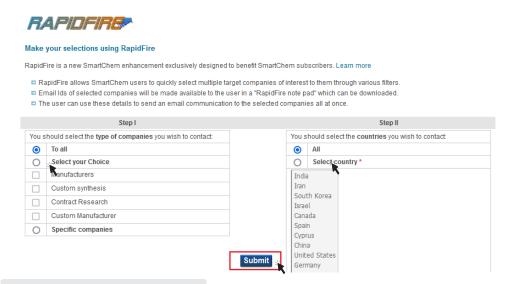
Follow these simple steps to use RapidFire in SmartChem:

1. Use RapidFire

Click on the "RapidFire" icon on the suppliers page, a pop-up window will open.

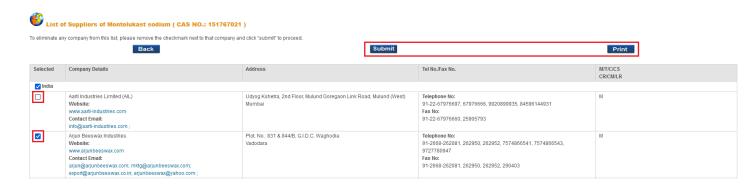


- ii. Select the desired type of suppliers (Step 1) Specify the country (step 2) for targeted results.
- iii. Click "Submit" to gather list of suppliers based on your criteria.



2. Preview and Download

- i. Preview the list for the final selection, at this stage you can select and deselect the companies as per your preference.
- ii. After reviewing the selection, click "Submit" to proceed.

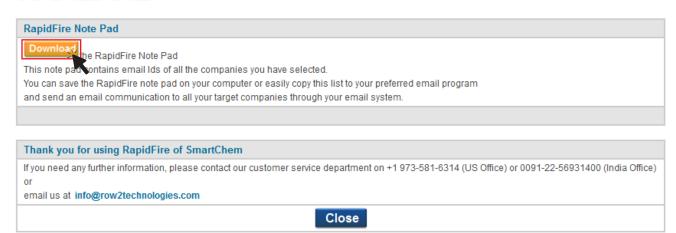


iii. A new page will open with the final list of suppliers based on your selection at this stage you can either download or print the list or you can proceed to the next step by clicking on the "Submit" button.

3. Downloading email list

- i. On the final page, click the "Download" button.
- ii. The system will direct you to a notepad containing all the emails in one place.





4. Sending Emails

i. With the compiled list, you can now send your requirements to all the email IDs at once using YOUR EMAIL PLATFORM. By utilizing RapidFire, you can efficiently gather Email Id's for the selected suppliers, streamlining your communication process.

Accessing RMs (Raw Materials Used) Guide

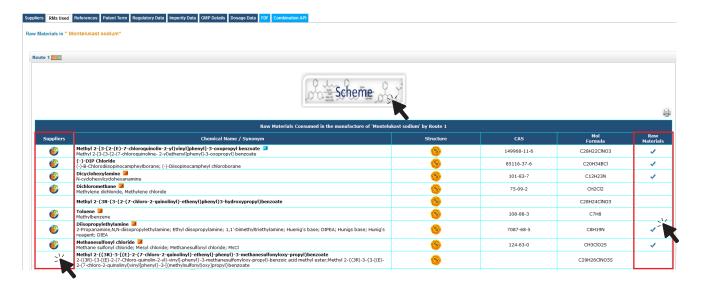
Follow these simple steps to use RMs in SmartChem:

1. RMs (Raw Materials Used) Guide

- i. Click on the "RMs Used" on the chemical information page.
- ii. Click on the Route number.

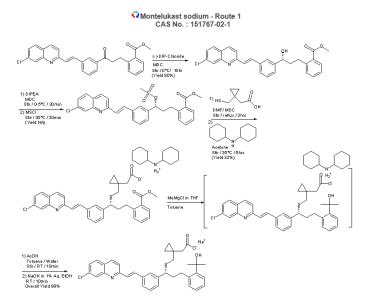


iii. You can now access a comprehensive list of raw materials (RMs).



- iv. Click on the "6" to see suppliers for these raw materials.
- v. Click on the "✓" under raw materials to access routes of these chemicals.

- v. Click on the "Scheme" to see schematic representation of the route along with the references.
- vi. Click on the "Print" to print the scheme.



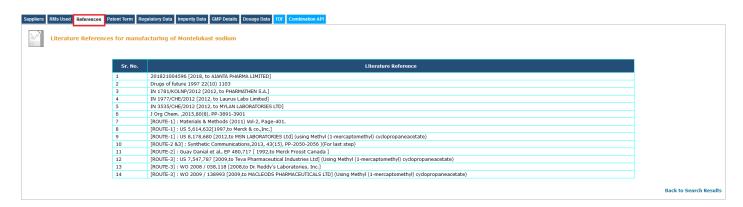
	Print Close
Sr. No.	Literature Reference
1	201821004596 [2018, to AJANTA PHARMA LIMITED]
2	Drugs of future 1997 22(10) 1103
3	IN 1781/KOLNP/2012 [2012, to PHARMATHEN S.A.]
4	IN 1977/CHE/2012 [2012, to Laurus Labs Limited]
5	IN 3535/CHE/2012 [2012, to MYLAN LABORATORIES LTD]
6	J Org Chem. ,2015,80(8), PP-3891-3901
7	[ROUTE-1]: Materials & Methods (2011) Vol-2, Page-401.
8	[ROUTE-1]: US 5,614,632[1997,to Merck & co.,Inc.]

Accessing References in SmartChem

Follow these simple steps to Access References in SmartChem:

1. Access References

- i. Click on the "References" tab
- ii. View the complete list of references



Accessing Patent Term Information

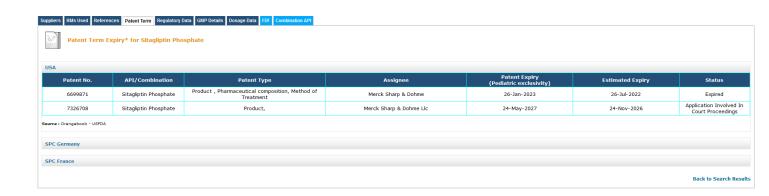
Follow these simple steps to Access Patent Term in SmartChem:

1. Access Patent Term

i. Click on the "Patent Term" tab



- ii. View an extensive global list of patent expirations, covering countries like the USA, France, Japan, Sweden, UK, Switzerland, Slovakia, Germany, and Canada.
- iii. Click on the country name to access the information.



Accessing Regulatory Data

Follow these simple steps to Access Regulatory Data in SmartChem:

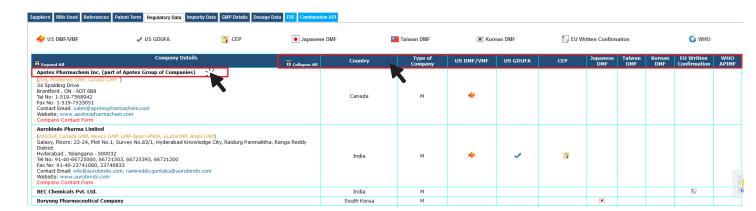
1. Access Regulatory Data

- i. Click on the "Regulatory Data" tab.
- ii. Click on the icons to access comprehensive information on regulatory data from various countries.





- iii. Click on the company name to get more information about the company.
- You can sort by clicking on any title tab to prioritize your results.

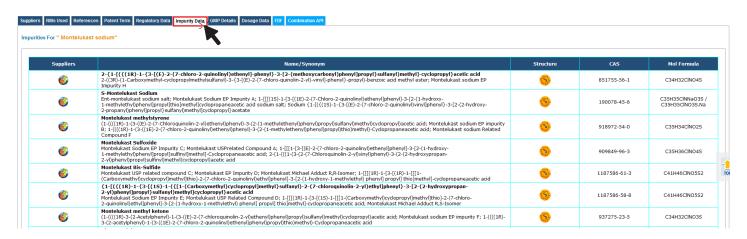


Accessing Impurity Data

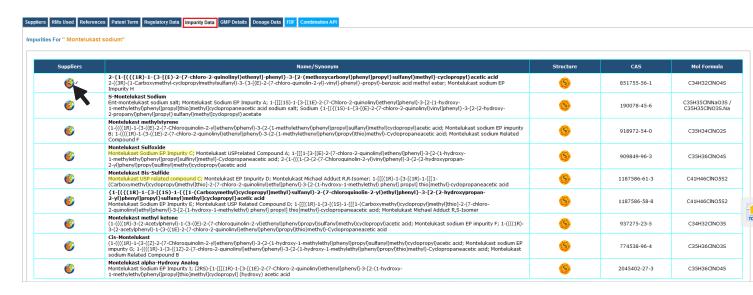
Follow these simple steps to Access Impurity Data in SmartChem:

1. Accessing Impurity Data

i. Click on the "Impurity Data" tab



View a list of API impurities available as per EP and USP Pharmacopoeia, along with their suppliers.

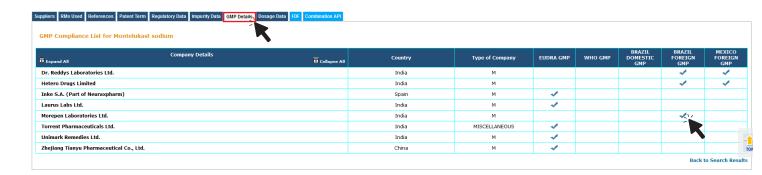


Accessing GMP Details

Follow these simple steps to Access GMP Details in SmartChem:

1. Access GMP Details

- i. Click on the "GMP Details" tab.
- ii. Click on the "✓" icon to access comprehensive information on GMP from various countries.



Brazil Foreign GMP Details

	rtified Country	y Resolution	Chemical Name	Activities	Comment
Labor	repen ratories India nited.	RESOLUTION-RE No. 51, OF JANUARY 6, 2023 published in (DOU) of January 9, 2023	sodium montelukast	Active pharmaceutical ingredients obtained by chemical synthesis	

Close

Source : ANVISA

Information updated as per data published by ANVISA on October, 2023

iii. Click on the **company name** to get more information about the company.



Accessing Dosage Data Details

Follow these simple steps to Access Dosage Data Details in SmartChem:

1. Access Dosage Data Details

- i. Click on the "Dosage Data" tab.
- ii. Click on the "✓" icon to access comprehensive information on **Dosage Data** from various countries.



				US Dosage Details for	: Montelukast sodium				
US Human Dosage Details									
Trade Name	App No.	Туре	ROA	Strength	Approval Date	RLD	Exclusivity Code	Exclusivity Expiration	Applicant
MONTELUKAST SODIUM	A 203438 1	RX	GRANULE; ORAL	EQ 4MG BASE/PACKET	Jul 31,2015	No			AJANTA PHARMA LTD
MONTELUKAST SODIUM	A 213471 1	RX	GRANULE; ORAL	EQ 4MG BASE/PACKET	Feb 18,2020	No			AUROBINDO PHARMA LT
MONTELUKAST SODIUM	A 202906 1	RX	GRANULE; ORAL	EQ 4MG BASE/PACKET	Sep 17,2012	No			DR REDDYS LABS LTD
MONTELUKAST SODIUM	A 202776 1	DISCN	GRANULE; ORAL	EQ 4MG BASE/PACKET	Dec 18,2012	No			MYLAN PHARMS INC
MONTELUKAST SODIUM	A 90955 1	RX	GRANULE; ORAL	EQ 4MG BASE/PACKET	Aug 03,2012	No			TEVA PHARMS
MONTELUKAST SODIUM	A 210431 1	RX	GRANULE; ORAL	EQ 4MG BASE/PACKET	Jul 31,2018	No			TORRENT
SINGULAIR	N 21409 1	RX	GRANULE; ORAL	EQ 4MG BASE/PACKET	Jul 26,2002	Yes			ORGANON
MONTELUKAST SODIUM	A 203328 1	DISCN	TABLET, CHEWABLE; ORAL	EQ 4MG BASE	Jul 31,2015	No			AJANTA PHARMA LTD
MONTELUKAST SODIUM	A 203328 2	DISCN	TABLET, CHEWABLE; ORAL	EQ 5MG BASE	Jul 31,2015	No			AJANTA PHARMA LTD
MONTELUKAST SODIUM	A 205107 1	RX	TABLET, CHEWABLE; ORAL	EQ 4MG BASE	Sep 04,2020	No			AMNEAL PHARMS
MONTELUKAST SODIUM	A 205107 2	RX	TABLET, CHEWABLE; ORAL	EQ 5MG BASE	Sep 04,2020	No			AMNEAL PHARMS
MONTELUKAST SODIUM	A 205695 1	RX	TABLET, CHEWABLE; ORAL	EQ 4MG BASE	Nov 05,2015	No			ANBISON LAB
MONTELUKAST SODIUM	A 205695 2	RX	TABLET, CHEWABLE; ORAL	EQ 5MG BASE	Nov 05,2015	No			ANBISON LAB
MONTELUKAST SODIUM	A 201508 1	DISCN	TABLET, CHEWABLE; ORAL	EQ 4MG BASE	Aug 03,2012	No			APOTEX INC
MONTELUKAST SODIUM	A 201508 2	DISCN	TABLET, CHEWABLE; ORAL	EQ 5MG BASE	Aug 03,2012	No			APOTEX INC
MONTELUKAST SODIUM	A 202096 1	RX	TABLET, CHEWABLE; ORAL	EQ 4MG BASE	Aug 03,2012	No			AUROBINDO PHARMA LT
MONTELUKAST SODIUM	A 202096 2	RX	TABLET, CHEWABLE; ORAL	EQ 5MG BASE	Aug 03,2012	No			AUROBINDO PHARMA LT
MONTELUKAST SODIUM	A 207464 1	RX	TABLET, CHEWABLE; ORAL	EQ 4MG BASE	Dec 06,2018	No			CHARTWELL MOLECULA
MONTELUKAST SODIUM	A 207464 2	RX	TABLET, CHEWABLE; ORAL	EQ 5MG BASE	Dec 06,2018	No			CHARTWELL MOLECULA
MONTELUKAST SODIUM	A 201581 1	RX	TABLET, CHEWABLE; ORAL	EQ 4MG BASE	Aug 06,2012	No			DR REDDYS LABS LTD
MONTELUKAST SODIUM	A 201581 2	RX	TABLET, CHEWABLE; ORAL	EQ 5MG BASE	Aug 06,2012	No			DR REDDYS LABS LTD
MONTELUKAST SODIUM	A 204093 1	RX	TABLET, CHEWABLE; ORAL	EQ 4MG BASE	May 22,2015	No			HETERO LABS LTD V
MONTELUKAST SODIUM	A 204093 2	RX	TABLET, CHEWABLE; ORAL	EQ 5MG BASE	May 22,2015	No			HETERO LABS LTD V
MONTELUKAST SODIUM	A 91128 1	DISCN	TABLET, CHEWABLE; ORAL	EQ 4MG BASE	Aug 03,2012	No			HIKMA
MONTELUKAST SODIUM	A 91128 2	DISCN	TABLET, CHEWABLE; ORAL	EQ 5MG BASE	Aug 03,2012	No			HIKMA
MONTELUKAST SODIUM	A 203795 1	DISCN	TABLET, CHEWABLE; ORAL	EQ 4MG BASE	Feb 27,2015	No			JUBILANT GENERICS
MONTELLIKAST SODILIM	Δ 203795 2	DISCN	TABLET CHEWARLE: ORAL	EO SMG BASE	Feb 27 2015	No			TURTLANT GENERICS

Source: US-FDA

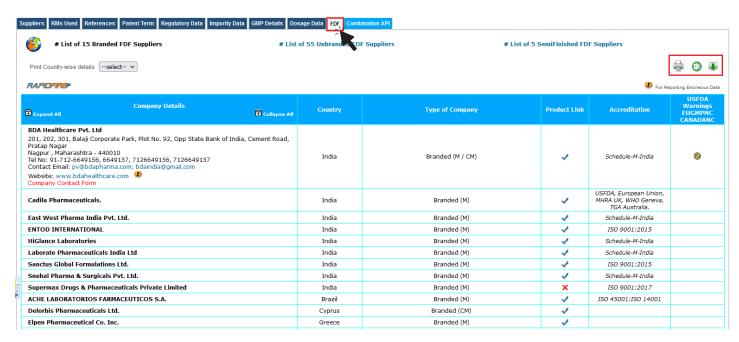
Information updated as per data published by US-FDA in the month of October, 2023

Accessing Finished Dosage Forms

Follow these simple steps to Access Finished Dosage Forms in SmartChem:

1. Access Finished Dosage Forms

i. Click on the "FDF" tab



ii. Click on the icons \bigcirc \bigcirc \bigcirc to print or download this information in excel sheets.

2. Access Finished Dosage Forms Suppliers

- i. Click "Branded" to view a list of branded suppliers.
- ii. Click "Unbranded" to view a list of unbranded suppliers.
- iii. Click "Semi-finished" to view a list of semi-finished product suppliers.



iv. View the list of suppliers with their details along with their product list. Click on the "✓" icon to get the product list.

Comp ■ Expand All	any Details ☐ Collapse All	Country	Type of Company	Product Link	Accreditation	USFDA Warnings EUGMPNC CANADANC
Aayushi Pharma VIRAL HOUSE, Behind Armieda, Sindhu Bh. Ahmedabad , Gujarat - 380054 Tel No: 91-9824087048 Contact Email: info@aayushipharma.com Website: www.aayushipharma.com Company Contact Form	avan Road, Bodakdev,	India	Un-Branded (M / CM)	**	Schedule-M-India, ISO 9001:2015	
Accede Healthcare (India) Pvt. Ltd.		India	Un-Branded (M)	4		
Aerosea Exports		India	Un-Branded (D)	*		
Albios Lifesciences Private Limited		India	Un-Branded (D)	4		
Amster Labs		India	Un-Branded (D)	4		
Anwita Drugs & Chemicals Pvt Ltd		India	Un-Branded (M)	1	Schedule-M-India, ISO 9001:2015	
Areete Life science Pvt Ltd		India	Un-Branded (M)	*	Schedule-M-India	
Axon Drugs Private Limited		India	Un-Branded (M)	4	Schedule-M-India	
Bharat Parenterals Ltd.		India	Un-Branded (M / CM)	1	Schedule-M-India, ISO 10002:2018	

Definition of FDF Suppliers:

Branded - These suppliers can either manufacture and market their FDFs under their brand name or purchase the FDFs from unbranded Suppliers, repack them, and sell them under their own brand name.

Unbranded - These suppliers manufacture/Distribute FDFs which are then repacked and marketed by a third party.

Semi-finished - These suppliers manufacture/Distribute API in the form of Granules/Pellets/etc. Their formulations can be only the APIs, or they can be with the excipients

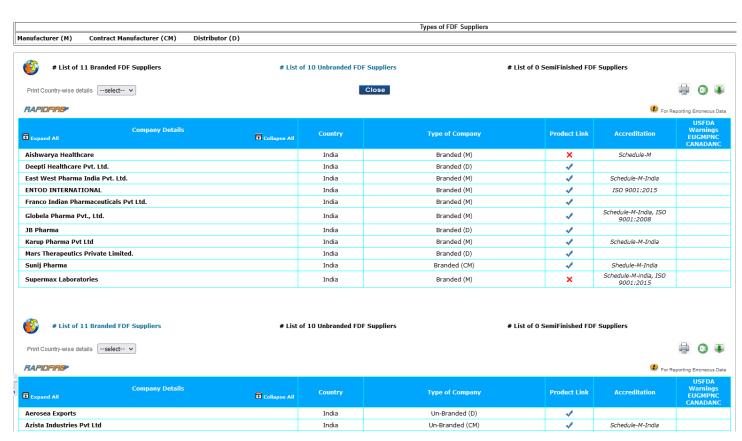
Accessing Combination API

Follow these simple steps to Access Combination API in SmartChem:

1. Access Combination API

- i. Click on the "Combination API" tab.
- ii. You can access a comprehensive list of **Dosage Data** for the combinition APIs, along with their respective FDF suppliers.
- iii. Click on the " 🚳" to access formulators data.





Agrochemical Registration Data

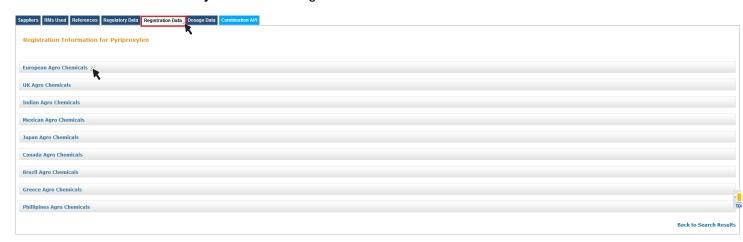
Follow these simple steps to get the registration information of agrochemicals in SmartChem:

1. Agrochemical registration data

. This information is available for commercial Agrochemicals. To access it, click on the Registartion Data tab.



Click on the desired country to access the registration information.



Active stance ID	Category	List(*)	Status under Reg. (EC) No 1107/2009	Date of app	roval Expiration	on of approval	Legislation	RMS	Reg 396/2005	Authorised	Authorisation in progress	
1100			Approved	01-Aug-2(D20 31	-Jul-2035	2010/39/EU, Reg. (EU) 2018/1796, Reg. (EU) 2019/1589, Reg. (EU) 2020/968, Reg. (EU) No 540/2011	ES	Reg. (EC) No 149/2008, Reg. (EC) No 839/2008, Reg. (EU) 2016/1902, Reg. (EU) 2020/856, Reg. (EU) 2023/1753, Reg. (EU) 2023/679, Reg. (EU) No 737/2014	AT, BE, BG, CY, CZ, DK, EL, ES, FR, F IE, IT, NL, PL, PT, RO, SE, SI, S		
	sticides databa dated as per d		by EU Pesticides database on	November, 2023	1							
UK Agro Che	micals											
	Pro	duct	MAPI	P No.	Product Expiry Date	Crop(s	o(s) (may have different Expiry Dates)		Marketing Company		Active(s)	
	Kra	tox	196	516			door), cucumber (permanent protection with full pear (outdoor), tomato (permanent protection with full enclosure)				pyriproxifen	
	Har	pun	193	383	09-Sep-2099		r), cucumber (permanent protection with full ar (outdoor), tomato (permanent protection with full enclosure)			FARMACIJA a.d.	pyriproxifen and Pyriproxyfen	
	Har	pun	193	383	09-Sep-2099		or), cucumber (permanent prot ear (outdoor), tomato (permar with full enclosure)			FARMACIJA a.d.	pyriproxifen and Pyriproxyfen	
	Tor	nus	205	538	09-Sep-2099		or), cucumber (permanent prot ear (outdoor), tomato (permar with full enclosure)			ection (UK) Limited	pyriproxifen and Pyriproxyfen	
	Tor	nus	205	538	09-Sep-2099		or), cucumber (permanent prot ear (outdoor), tomato (permar with full enclosure)			ection (UK) Limited	pyriproxifen and Pyriproxyfen	
	Kra	tox	204	168	09-Sep-2099		or), cucumber (permanent prot ear (outdoor), tomato (permar with full enclosure)			ure Limited	pyriproxyfen	

Accessing Controlled Substances

Follow these simple steps to access Controlled Substances in SmartChem:

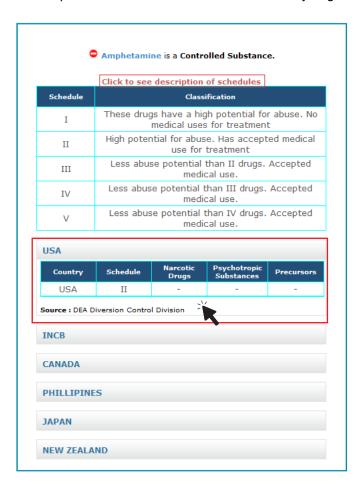
1. Controlled Substances

i. Click on the "

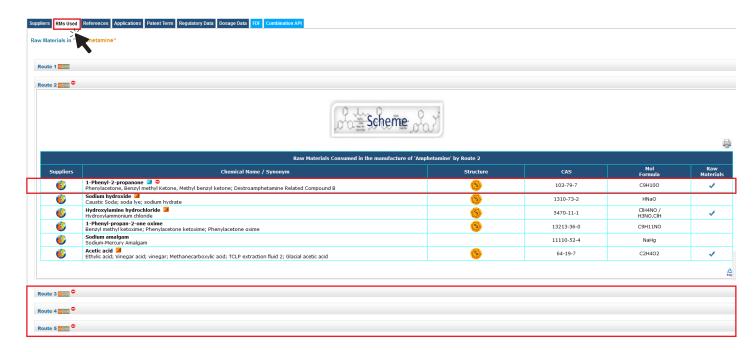
" to access information on Controlled Substances.

Chemical Name / Synonym	Structure	CAS No.	Mol. Formula	Suppliers	Raw Materials	Application Areas	References
Amphetamine Diphetamine; Oberot; alpha-Methyl-benzeneethanamine; alpha-Methylbenzeneethanamine; alpha-Methylphenethylamine; Amthetamine; Bela-amino propridenzene; Benzyl methyl carbinamine; Isomyn; Benzednine; Desosynorephednine; alpha-Methylbenzeneethanamine; DL-Amphetamine	9	300-62-9 / 96332-84-2	C9H13N	Regulatory Data	1	Dosage Data	Patent Term
L-Amphetamine (R)-(-)-Amphetamine (R)-(2)-Amphetamine (R)-(3)-Amphetamine (R)-(4)-Amphetamine (R)-(7)-Amphetamine (R)-(8)-(8)-(9)-(9)-(9)-(9)-(9)-(9)-(9)-(9)-(9)-(9	S	156-34-3	C9H13N	*		4	
Tenamfetamine 1-Methyl-2-(3,4-methylenedioxyphenyl)-ethylamine; 3,4-Methylenedioxyamphetamine; alpha-Methyl-1,3-benzodioxole-5-ethanamine	<u>©</u>	4764-17-4 / 51497-09-7	C10H13NO2	4	*	4	4

ii. We have controlled substance listed from five Countries: the USA, INCB, Canada, the Philippines, Japan and New Zealand click on the country to get more information.



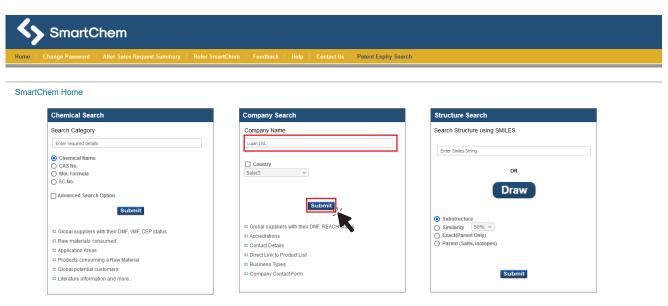
iii. If a route has this icon, it means that it contains a controlled substance in its RM's.



How to search companies

Follow these simple steps to Search your desired company in SmartChem:

- 1. Search your desired company
- Enter the Desired company name.
- ii. Click on the "Submit" button.



iii. Click on the **company name** from the search results.



iv. Access detailed company information including **contact details**, **accreditations**, **regulatory** and **GMP details**, along with their **products**.



Search by structure

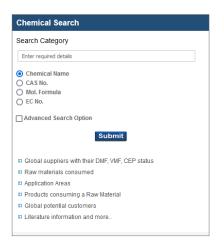
Follow these simple steps to Search by structure in SmartChem:

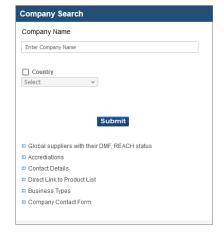
1. Search by structure

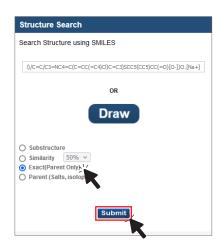
- Structure search can be performed by either using SMILES string or drawing the structure.
- ii. Enter the desired SMILES string in the provided field.



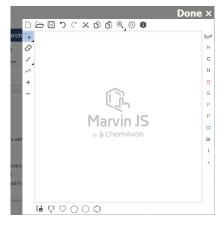
SmartChem Home







iii. Alternatively you can draw the structure, simply click on the **Draw** button to open the drawing appellate. After drawing click on **Done** to close the appellate.



- iv. Select the search criteria from **Substructure search**, **Similarity**, **Exact** (Parent only) or **Parent** (for searching salts or stereo isomers of your query).
- v. Click on the "Submit" button.
- vi. Click on the **chemical name** or "✓" to access the relevant information.

Chemical Search Results

Chemical Name / Synonym	Structure	CAS No.	Mol. Formula	Suppliers	Raw Materials	Application Areas	References
Montelukast sodium [R-(E)]-1-[II-1-3-12-(7-Chloro-2-quinolinyl)ethenyl[phenyl[-3-12-(1-hydroxy-1-methylethyl)phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl]phenyl[popyl]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[popyl[hol]phenyl[hol]phenyl[popyl[hol]phenyl[hol]ph	ang!	151767-02-1	C35H35CINNaO3S / C35H35CINO3S.Na	Regulatory Data	1	Dosage Data FDF Data	✓ Patent Term
Montelukast sodium micronised [R-(E)]-1-[[I-1-3-12-(7-Chioro-2-quinolinyi)ethenyi]-3-[2-(1-hydroxy- 1-mehylethylphenyi[propyi[holmethyl]-ordorpoane aceka acid, monosodium salt, Sodium (1-[(((1R)- 1-3-(E)-2-(7-holoro-2-quinolinyi)my[phenyi]-3-[2-(2-hydroxy- 2-propanyi]phenyi[propyi]sulfanyi)methyl[ordopropyi]acetate	200g		C35H35CINNaO3S / C35H35CINO3S.Na	Regulatory Data	Non Synthetic Route	NONE	

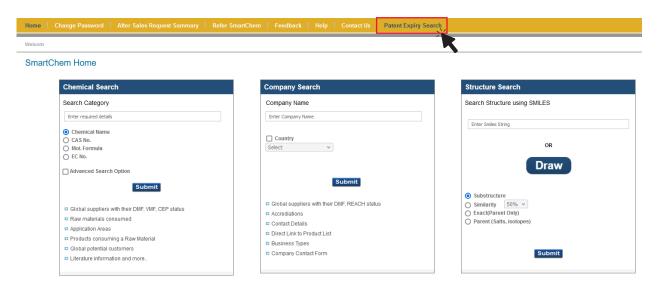
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Use Patent Expiry Search

Follow these simple steps to Use Patent Expiry Search in SmartChem:

1. Access Patent Term

i. On the SmartChem home page click on the "Patent Expiry Search" tab.



- ii. Choose date range (from and to)
- iii. Select countries of your interest
- iv. Click "Submit"

Patent Expiry Search





- v. Click on the desired country to access the list of APIs with patent details.vi. Click on the desired API to access other information like Route of synthesis, Dosage, Regulatory information, and Dosage Data

Patent term expiry data from 01-Jan-2020 to 5-Dec-2023 :

SA						
Patent No.	API/Combination	Patent Type	Assignee	Patent Expiry (Pediatric exclusivity)		Status
7700081	CLOBETASOL PROPIONATE	Method of treatment	Galderma SA		03-Jan-2022	Patented Case
8546143	GIVOSIRAN SODIUM	Product	Alnylam Pharmaceuticals Inc		09-Jan-2022	Expired
7022330	IXABEPILONE	Product, Process	R-PHARM US OPERATING LLC	23-Jul-2022	23-Jan-2022	Expired
6670384	IXABEPILONE	Product, Process, pharmaceutical composition, Method of treatment	R-PHARM US OPERATING LLC	23-Jul-2022	23-Jan-2022	Expired
7803788	TENOFOVIR ALAFENAMIDE FUMARATE	Product, Method of treatment	GILEAD SCIENCES, INC.		02-Feb-2022	Patent Expired Due to NonPayment of Maintenance Fees Unde 37 CFR 1.362
RE41393	IXABEPILONE	Product, Method of treatment	R-PHARM US OPERATING LLC	08-Aug-2022	08-Feb-2022	Expired
6673838	Desvenlafaxine Succinate	Product, Pharmaceutical composition, Dosage form, Method of treatment, Formulation	Wyeth Corp		01-Mar-2022	Expired
RE38551	LACOSAMIDE	Product, Pharmaceutical composition, Method of treatment	Research Corp Technologies Inc		17-Mar-2022	Expired
6403567	Regadenoson	Product	Cv Therapeutics, Inc.		10-Apr-2022	Expired
7229613	COLESEVELAM HYDROCHLORIDE	Method of treatment	Genzyme Corp	17-Oct-2022	17-Apr-2022	Expired
6916802	Eliglustat	Product	Genzyme Corp, University of Michigan		29-Apr-2022	Expired
7196205	Eliglustat	Product	Genzyme Corp		29-Apr-2022	Expired
6890927	VARENICLINE TARTRATE	Product, Process, Pharmaceutical composition, Method of treatment	Pfizer Inc	06-Nov-2022	06-May-2022	Expiry
10195159	CANNABIDIOL	Product	GW Research Ltd		07-May-2022	Expired
7341744	CROFELEMER	Method of treatment	Napo Pharmaceuticals Inc		02-Jun-2022	Patented Case
7834020	VILAZODONE HYDROCHLORIDE	Product, Method of treatment, Process	Merck Patent gesellschaft	05-Dec-2022	05-Jun-2022	Expiry
8673921	VILAZODONE HYDROCHLORIDE	Product, Pharmaceutical composition, Method of treatment	Merck Patent gesellschaft	05-Dec-2022	05-Jun-2022	Expiry
RE42353	VANDETANIB	Product, Process, Pharmaceutical composition	Genzyme Corp		27-Jun-2022	Expiry
7351834	Regorafenib	Product	Bayer Healthcare Llc		28-Jun-2022	Expired
6204257	FOSPROPOFOL DISODIUM	Product, Pharmaceutical composition, Method of treatment	Universtiy of Kansas		01-Jul-2022	Expired
6858650	Fesoterodine fumarate	Product, Process, Method of treatment	UCB Pharma GmbH	03-Jan-2023	03-Jul-2022	Expired

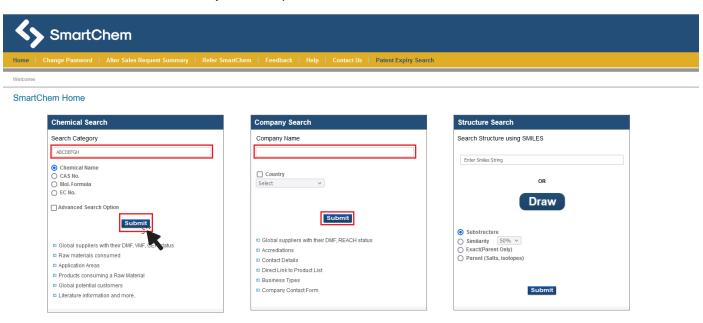


How to make an After Sale Request

Follow these simple steps to use After Sale Request in SmartChem:

1. After Sale Request:

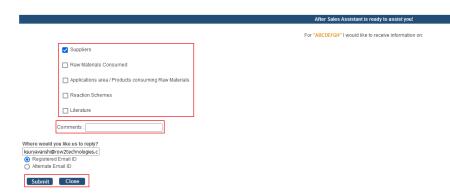
Search for the desired chemical or company name, click "Submit".
 If the chemical is not available, you can request it for after sale.



ii. Check the chemical name again for accuracy click "Submit" to proceed.



iii. A **pop-up** will appear, offering a list of information options, select the information you need: Suppliers, Raw Materials Consumed, Applications area / Products consuming, Raw Materials, Reaction Schemes and Literature. You can also add comments for additional details.



iv. You can select the email id on which you would like the reply to be sent.

v. Click on the "**After Sales Request Summary**" tab, here, you can view the details and status of your after-sales requests.



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