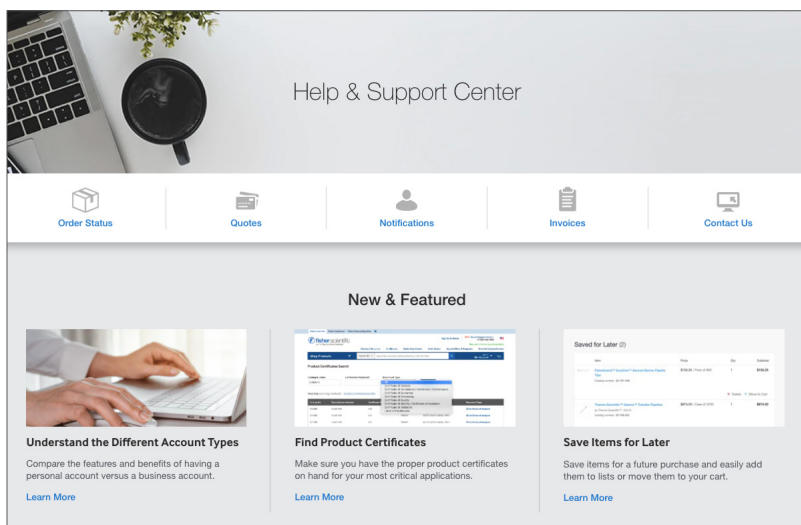


User How-To Guide

eMolecules Chemical Search Platform

With the eMolecules™ Chemical Search platform, you get direct access to a vast collection of readily available advanced chemical intermediates and unique structures. Log in through fishersci.com to search and order over 4.5 million chemical building blocks globally sourced from a trusted network of over 110 suppliers. The unmatched chemical diversity offered through eMolecules enables innovative and rapid early discovery research in medicinal and synthetic chemistry, AgChem, and industrial chemistry applications.

To begin using the tool, all you have to do is set up a fishersci.com account and request access from your Fisher Scientific sales representative. You'll then be able to search and order at fishersci.com/emolecules. Your products will be delivered quickly and reliably in as little as one to two days.



Navigating the Platform

Before you can use the eMolecules platform, you'll need to set up a fishersci.com account.

Visit fishersci.com/helpandsupport to learn how.

You'll then need to contact your Fisher Scientific sales representative who will grant you access to eMolecules.

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eMolecules
eMolecules - Fisher Punchout Building Blocks Collection

Quick Links

- Click here for current available User Guide and Overview
- Custom Synthesis Request for Quote
- Need help Ordering? Give us your feedback

Structure Search

Substructure Search Exact Structure Search 0.9 Similarity Search

Search Named Chemicals

Search

Order from a List

Upload a File... Enter a List... Find all compounds from your list file or list of catalog numbers.

Did You Know

Atom List and Any-Bond Searches

Use the 'L' (List) tool to convert an atom into an atom list. Then click on the atom label tool (select an element) and click the atom list to add that element to the atom's list. You can repeat this to add several elements (e.g. [Cl, Br, I]) to an atom list.

You can use the "any bond" tool "-" to specify that a bond can be single, double or triple.

[Learn more...](#) [next link...](#)

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Start Searching

Navigate to fishersci.com/emolecules and select **Start Shopping** to use one of the platform's search options:

1. Type a CAS or MFCD number or chemical name into the **Search Named Chemicals** box and select **Search**.
2. Draw a structure and select one of these options:

Use **Substructure Search** to find compounds with a common core structure.

Use **Exact Search** if you know the exact chemical you need with no variations.
3. Select **Similarity Search** and input a Similarity Score. The higher the score (0 to 10), the closer the returned compounds will be in structure to your original compound.

Upload a File or **Enter a List** (MFCD, CAS, catalog, or eMolecules ID number; or SMILES, MOL, or SDF file) to add the compounds to your shopping cart.

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Unnamed List: 666 Items


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Structure (define query)

Chemical Name

Supplier

Shopping Cart

Structure	MFCD	CAS Number	Supplier	Chemical Name
	179-970	MFCD00100906	164014-99-3	Benzoic acid, 6-(2,3-dihydro-1,4-benzodioxin-6-yl)-
			Frontier Scientific (Logan)	1,4-Benzodioxane-6-carboxylic acid
			benzapharma	(2,3-dihydro-1,4-benzodioxin-6-yl)boronic acid
			Oakwood Chemical	1,4-Benzodioxane-6-carboxylic acid
			Angene Chemical	Benzoic acid, 6-(2,3-dihydro-1,4-benzodioxin-6-yl)-
			Chemical	1,4-Benzodioxane-6-carboxylic acid
			Atlantic Research Chemicals	1,4-Benzodioxane-6-carboxylic acid
			Pharmalock	(2,3-dihydro-1,4-benzodioxin-6-yl)boronic acid
			Pharmalock	(2,3-dihydro-1,4-benzodioxin-6-yl)boronic acid
			Albio Pharm Co., Ltd.	(2,3-dihydro-1,4-benzodioxin-6-yl)boronic acid
			Ambeed	1,4-Benzodioxane-6-carboxylic acid
			Pharmalock	(2,3-dihydro-1,4-benzodioxin-6-yl)boronic acid
			Chemdiv	1,4-Benzodioxane-6-carboxylic acid
			Manchester Organic	(2,3-dihydro-1,4-benzodioxin-6-yl)boronic acid
			Chem-Species	1,4-Benzodioxane-6-carboxylic acid
			Ambeed, Inc.	1,4-Benzodioxane-6-carboxylic acid
			Pharmalock, Inc.	(2,3-dihydro-1,4-benzodioxin-6-yl)boronic acid
			ChemDiv	1,4-Benzodioxane-6-carboxylic acid
			Synthon	1,4-Benzodioxane-6-carboxylic acid
			ChemSence	1,4-Benzodioxane-6-carboxylic acid
			Ambeed	1,4-Benzodioxane-6-carboxylic acid
			ChemSence, LLC	1,4-Benzodioxane-6-carboxylic acid
			ADChem USA	1,4-Benzodioxane-6-carboxylic acid
			Angene Chemical	Benzoic acid, 6-(2,3-dihydro-1,4-benzodioxin-6-yl)-

Evaluate Your Search Results

Starting from your search results, you can view specific product details, narrow your results further, or go to your shopping cart. Through the **Filter** and **Columns** features, you can view and refine your search results by these and other characteristics:

- SMILES
- Similarity
- Molecular Formula
- Restrictions

For even more specificity in your search results, select **Refine Query** to open a new window and edit the structure drawing or select a new search type and rerun your search query.

These convenient features will allow you to filter and view structures according to your needs.

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Shopping Cart Support

Step 1. Find Compounds
Step 2. Review Your Order
Step 3. Select Supplier & Packaging
Step 4. Approve Final Order
Step 5. Place Order

Select Suppliers for your Order:

Click to Select Suppliers:

Supplier	Can provide...
Tier 1: Shipped within 2-5 business days	Add Tier
Combi-Blocks, Inc. (Tier 1)	66 compounds
Amesed, Inc. (Tier 1)	9 compounds
Synthonix, Inc. (Tier 1)	7 compounds
Oakwood Chemical, Inc. (Tier 1)	7 compounds
Key Organic/BIONET, Inc. (Tier 1)	5 compounds
ChemScene, Inc. (Tier 1)	4 compounds
Wuxi AppTec, Inc. (Tier 1)	3 compounds
RLD Pharmatech USA, Inc. (Tier 1)	3 compounds
Apollo Scientific US, Inc. (Tier 1)	3 compounds
AstaTech, Inc. (Tier 1)	2 compounds
Pharmablock, Inc. (Tier 1)	1 compounds
Chem-Inspex, Inc. (Tier 1)	1 compounds
AI Biochem Labs, Inc. (Tier 1)	1 compounds
Tier 2: Shipped within 2-10 business days	Add Tier
AUSChem USA, Inc. (Tier 2)	64 compounds
AA Blocks LLC, Inc. (Tier 2)	14 compounds
Angene Chemical, Inc. (Tier 2)	13 compounds
RLD Pharmatech, Inc. (Tier 2)	11 compounds
Amesed, Inc. (Tier 2)	9 compounds
AstaTech, Inc. (Tier 2)	7 compounds
Key Organic/BIONET, Inc. (Tier 2)	6 compounds
ChemScene, Inc. (Tier 2)	6 compounds
Advanced ChemBlocks, Inc. (Tier 2)	6 compounds
Key Organic/BIONET, Inc. (Tier 2)	5 compounds
Frontier Scientific Services, Inc. (Tier 2)	4 compounds
Apollo Scientific US, Inc. (Tier 2)	4 compounds
Allbio Pharm Co. Ltd. (Tier 2)	4 compounds
Frontier Scientific (Logan), Inc. (Tier 2)	3 compounds
Wuxi AppTec, Inc. (Tier 2)	2 compounds
Synthonix, Inc. (Tier 2)	2 compounds
Accela ChemBio (ASP), Inc. (Tier 2)	2 compounds
SynGene International (Diversified), Inc. (Tier 2)	1 compounds

Selected Suppliers:

Priority	Supplier	Can provide...
1	Combi-Blocks (Accelerated)	64 compounds
2	AA Blocks USA, Inc. (Accelerated)	7 compounds
3	Amesed, Inc. (Accelerated)	6 compounds
4	Oakwood Chemical, Inc. (Accelerated)	5 compounds
5	ChemScene, Inc. (Accelerated)	4 compounds
6	Synthonix, Inc. (Accelerated)	2 compounds
7	Pharmablock, Inc. (Accelerated)	1 compounds
8	Chem-Inspex, Inc. (Accelerated)	1 compounds
9	AstaTech, Inc. (Accelerated)	1 compounds

Price inclusive of \$50 acceleration fee for guaranteed 2-day Delivery
<< Remove all suppliers << Save as my default suppliers

Quantity to Order:

* Desired amount: 5 9
* minimum accepted: 1
* maximum accepted: 10 * Maximum Quantity accepted 100 g
* all values are required

Choose Product By:

☒ Best price (ignore tiers and priority)
☐ Best tier (best price in best tier)
☐ Use my supplier priority (from list above)

Match type:

☒ Allow alternate salts or solvates
☐ Allow different isomers

more choices >>

Calculate price

Additional Features

Select **Grid View** to see structures side by side. To initiate the **Auto-Select** function—which will select the best catalog options for multiple compounds at once based on your preferences—click **Add All to Cart** on the **Search Results** page.

Share your list of compounds and catalog items with colleagues or **Save** the list to add more items later.

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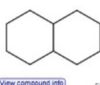
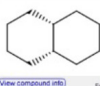
My Account Shopping Cart Support

Step 1. Find Compounds
Step 2. Review Your Order
Step 3. Select Supplier & Packaging
Step 4. Approve Final Order
Step 5. Place Order

Unnamed List: 3,453 Items

Go To Page: << Prev (first) 1 2 3 10 (last) Next >>

Save Add All to Cart View Shopping Cart

Structure	MolWt	MFCD	CAS Number	Supplier	Supplier's ID	Chemical Name	Shipping
	138.254	MFCD00004130	91-17-8	Advamacs	A-14764	Decahydronaphthalene 97%	Add to Show
				Frontier Scientific Services	500033455	Decahydronaphthalene	
				Apollo Scientific US	OR42013	Decahydronaphthalene	
				Toronto Research Chemicals	C271885	cis-Decahydronaphthalene	
				Toronto Research Chemicals	T271905	trans-Decahydronaphthalene	
				Key Organic/BIONET	STR05788	Decahydronaphthalene	
	138.254		493-01-6	Combi-Blocks, Inc.	QC-7304	Cis-decahydronaphthalene 98%	Add to Show
				Advamacs	A-63191	cis-Decahydronaphthalene 98%	
				Atlantic Research Chemicals	AN049378	cis-Decahydronaphthalene	
				Combi-Blocks	QC-7304	Cis-decahydronaphthalene	
				Key Organic/BIONET	BS-23504	Cis-decahydronaphthalene	

Order with Ease

1. Choose your structure and click **Add to Shopping Cart** to select the tier, supplier, quantity, and size.
2. Click **View Shopping Cart**.
3. On the Order Submission Page, select **Add to shopping cart and return to fishersci.com**.
4. Continue shopping or proceed to your cart to check out.
5. In your cart, you will see the temporary part number (NC number) that was created for the chemical you are purchasing.
6. Review the details of your order and choose **Proceed to checkout**.

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Shopping Cart Support

Step 1. Find Compounds
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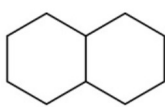
Submit Order:

[Add to shopping cart and return to fishersci.com](#) [Cancel](#)

Printable Quote

[Printable Quote](#)

Quoted Items

Item	Depiction	Supplier	CatalogNum	Description	CAS Number	MFCD Number	Expected Delivery	Quant
1		Frontier Scientific Services	500033455	Decahydronaphthalene	91-17-8	MFCD00004130	Shipped within 2-10 business days	1

Frequently Asked Questions

Can I search for eMolecules chemicals without logging on to fishersci.com?

No. You must log in using your fishersci.com account credentials.

How can I access the eMolecules tool?

Type fishersci.com/emolecules into the search bar to go directly to the main eMolecules page.

Or, on the fishersci.com home page under **Shop Products**, choose **RNAi, Oligos & Assay Tools**, select **eMolecules Chemical Search Platform**, and add your account username and password.

Can I add products from other areas of the website to my fishersci.com cart after adding eMolecules compounds to my cart?

Yes, after adding items to your cart from the eMolecules site you will be directed back to fishersci.com to continue shopping or to check out.

Who should I contact for help with the eMolecules platform?

Contact your Fisher Scientific sales representative if you have questions about the eMolecules platform.

Contact your Fisher Scientific sales representative to learn more.

For help setting up your fishersci.com account, visit fishersci.com/helpandsupport.

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22-1834 BN224642087-US

How can I get a fishersci.com account?

It's easy to set up your own account on fishersci.com. Visit fishersci.com/helpandsupport to learn how. Your Fisher Scientific sales representative will be happy to help you as well.

How quickly will my order ship?

eMolecules catalog options are grouped by **Supplier Tier**, which determines how quickly your order can be shipped and delivered.

Accelerated: Delivers within 2 business days, guaranteed (price includes acceleration fee)

Tier 1: Ships within 1 to 5 business days

Tier 2: Ships within 2 to 10 business days

Tier 3: Ships within 4 weeks

Tier 4: Ships within 12 weeks
(custom synthesis)

Tier 5: Ship times vary (custom quote required)

Where will my invoices come from?

Since you are using your Fisher Scientific account to shop, your invoices will come from the Fisher Scientific channel.