

# Chemical Availability Search

## at the Physical Sciences Data-science Service

### What is the Chemical Availability Search (ChASe)?

The Chemical Availability Search (ChASe) is a database of commercially available chemicals that can be searched to return availability information. **Pricing and supplier information** is provided for **over 250,000 unique chemicals** from many UK suppliers.

### What information does ChASe give?

ChASe returns a variety of information as shown below, which can be filtered or ordered in each column.

Product	Supplier	Country	Quantity	Purity / %	Price / GBP	Unit Price	Catalogue Number
Toluene	Alfa Aesar	United Kingdom	4x1 L	99	82.80	0.02 £/mL	<a href="#">019399</a>
Toluene, 99+%, extra pure	AcrosOrganics	United Kingdom	5 L	99+	82.40	0.02 £/mL	<a href="#">17716</a>
Toluene	Alfa Aesar	United Kingdom	4x1 L	99.7+	81.80	0.02 £/mL	<a href="#">019376</a>
Toluene, 99+%, extra pure, SLR	FisherSci	United Kingdom	4 mL	99+	79.36	19.84 £/mL	<a href="#">T/2200</a>
Toluene, 99.85%, for HPLC	AcrosOrganics	United Kingdom	4 L	99.85	79.20	0.02 £/mL	<a href="#">26837</a>
Toluene, 99+%, for spectroscopy	AcrosOrganics	United Kingdom	2.5 L	99+	74.30	0.03 £/mL	<a href="#">16790</a>
Toluene, 99+%, extra pure, SLR	FisherSci	United Kingdom	200 L	99+	725.38	0.00 £/mL	<a href="#">T/2200</a>
Toluene, for analysis	FisherSci	United Kingdom	200 L	N/A	701.99	0.00 £/mL	<a href="#">T/2300</a>
Toluene, 99.9+%, for trace metal analysis, Primar	FisherSci	United Kingdom	4 L	99.9+	692.96	0.17 £/mL	<a href="#">T/2301</a>
Toluene, 99.8+%, for residue analysis, Distol™	FisherSci	United Kingdom	2.5 L	99.8+	69.49	0.03 £/mL	<a href="#">T/2323</a>
Toluene	Alfa Aesar	United Kingdom	4x1 L	99.5	68.80	0.02 £/mL	<a href="#">031755</a>
Toluene	Alfa Aesar	United Kingdom	4 L	99.8+	66.50	0.02 £/mL	<a href="#">043061</a>

Access the Chemical Availability Search  
via the Physical Sciences Data-science Service

at [www.psds.ac.uk](http://www.psds.ac.uk)

email: [info@psds.ac.uk](mailto:info@psds.ac.uk)

# Chemical Availability Search

## How can I search the Chemical Availability Search?

The screenshot shows the 'Name' and 'Structure' tabs at the top. Below them is a toolbar with various drawing tools. The main canvas displays a chemical structure of 4-(2-acetoxyphenyl)acetic acid. Below the canvas are 'Search' and 'Substructure Search' buttons. At the bottom, there are 'Name' and 'Structure' tabs, a search input field with the placeholder text 'Type the name/smiles/inchi/CAS of your chemical', and a 'Search' button.

ChASe can be searched by substance **name**, or **identifier**, including InChI string, InChI key, SMILES and synonyms.

It can also be searched using a **structure** / substructure through the structure editor.

Side-by-side comparison of **chemical purity, quantity** and **price**

Access to a single source of **commercially available chemicals**

## Where is the Chemical Availability Search data from?

The data is derived from catalogues of the major UK chemical suppliers and is updated on a regular basis.

## How do I access the Chemical Availability Search?

The Chemical Availability Search is provided to the UK academic community via the **PSDS** at [www.psds.ac.uk](http://www.psds.ac.uk). The Chemical Availability Search has been developed by the PSDS team from STFC. The Physical Sciences Data-science Service is funded by the EPSRC.

Access is authenticated by UK academic IP address via [www.psds.ac.uk](http://www.psds.ac.uk). If working off-campus the service can be accessed by registering with PSDS through your institutional log-in.

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