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?

Supplier

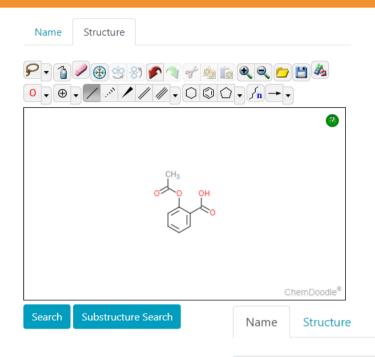
ChASe returns a variety of information as shown below, which **Catalogue Number** can be filtered or ordered in each column. (link to supplier website) Price **Product Name** Quantity Unit Price

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

Access the Chemical Availability Search via the Physical Sciences Data-science Service email: info@psds.ac.uk at www.psds.ac.uk

Chemical Availability Search

How can I search the Chemical Availability Search?



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.

Type the name/smiles/inchi/CAS of your chemical

Search

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 <u>www.psds.ac.uk</u>**. 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.** If working off-campus the service can be accessed by registering with PSDS through your institutional log-in.

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