

(S)-(+)- α -(Trifluoromethyl)benzyl alcohol

Chemical Properties

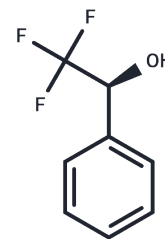
CAS No. : 340-06-7

Formula: C₈H₇F₃O

Molecular Weight: 176.138

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description

(S)-(+)- α -(Trifluoromethyl)benzyl alcohol, with CAS No. 340-06-7, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. (S)-(+)- α -(Trifluoromethyl)benzyl alcohol provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.

Solubility Information

Solubility

DMSO: 35.23 mg/mL (200.01 mM), Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6773 mL	28.3865 mL	56.773 mL
5 mM	1.1355 mL	5.6773 mL	11.3546 mL
10 mM	0.5677 mL	2.8387 mL	5.6773 mL
50 mM	0.1135 mL	0.5677 mL	1.1355 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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