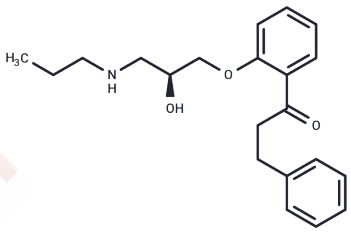
Data Sheet (Cat.No.T12811)

TargetMol

(S)-Propafenone

Chemical Properties



CAS No. : 107381-32-8

Formula: C21H27NO3

Molecular Weight: 341.44

Storage: Powder: -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)-Propafenone ((S)-SA-79) is the S-enantiomer of Propafenone, exhibiting beta-blocking properties and class 1 antiarrhythmic activity through sodium channel blockade.
Targets(IC50)	Others,Sodium Channel

Solubility Information

Solubility	DMSO: 33.33 mg/mL (97.62 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9288 mL	14.6439 mL	29.2877 mL
5 mM	0.5858 mL	2.9288 mL	5.8575 mL
10 mM	0.2929 mL	1.4644 mL	2.9288 mL
50 mM	0.0586 mL	0.2929 mL	0.5858 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.

Reference

Stoschitzky K, et al. Different stereoselective effects of (R)- and (S)-propafenone: clinical pharmacologic, electrophysiologic, and radioligand binding studies. Clin Pharmacol Ther. 1990 Jun;47(6):740-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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