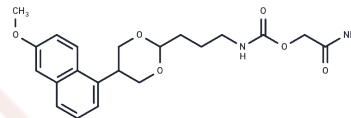


SA72

Chemical Properties

CAS No. : 934809-60-6
 Formula: C₂₁H₂₆N₂O₆
 Molecular Weight: 402.44
 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	SA72 is a highly selective inhibitor of fatty acid amide hydrolase (FAAH).
Targets(IC50)	Others,FAAH,Autophagy
In vitro	SA-72 is a carbamate inhibitor. However, SA-72 shows exceptional selectivity for FAAH. Tested carboxylesterases are not off-targets for SA-72. SA-72 does not have major effects on the level of carboxylesterase activities in liver microsomes.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4848 mL	12.4242 mL	24.8484 mL
5 mM	0.497 mL	2.4848 mL	4.9697 mL
10 mM	0.2485 mL	1.2424 mL	2.4848 mL
50 mM	0.0497 mL	0.2485 mL	0.497 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

Zhang D, et al. Fatty acid amide hydrolase inhibitors display broad selectivity and inhibit multiple carboxylesterases as off-targets. *Neuropharmacology*. 2007 Mar;52(4):1095-105.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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