Data Sheet (Cat.No.TMIJ-0117)

TargetMol

rac-Clopidogrel-D4 Hydrogen Sulfate

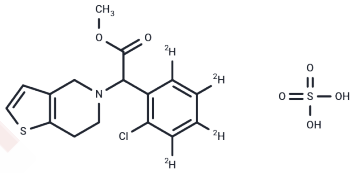
Chemical Properties

CAS No. : 1219274-96-0

Formula: C16H14D4ClNO6S2

Molecular Weight: 423.93

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	rac-Clopidogrel-D4 Hydrogen Sulfate is a deuterated compound of Clopidogrel Hydrogen Sulfate (T0182L2). rac-Clopidogrel Hydrogen Sulfate has a CAS number of 135046-48-9. Clopidogrel, an antiplatelet agent pharmacologically and structurally analogous to ticlopidine, is used to inhibit blood clots in various conditions such as cerebrovascular disease, peripheral vascular disease, and coronary artery disease.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3589 mL	11.7944 mL	23.5888 mL
5 mM	0.4718 mL	2.3589 mL	4.7178 mL
10 mM	0.2359 mL	1.1794 mL	2.3589 mL
50 mM	0.0472 mL	0.2359 mL	0.4718 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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