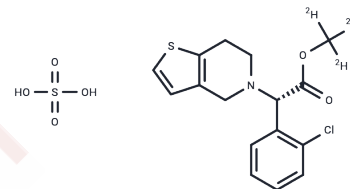


Clopidogrel-D3 hydrogen sulfate

Chemical Properties

CAS No. :	1217643-68-9
Formula:	C ₁₆ H ₁₈ ClNO ₆ S ₂
Molecular Weight:	422.92
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	Clopidogrel-D3 hydrogen sulfate is the deuterated form of Clopidogrel hydrogen sulfate. This compound is an anti-platelet agent that prevents thrombus formation by inhibiting platelet aggregation induced by ADP. Clopidogrel hydrogen sulfate effectively inhibits CYP2B6 and CYP2C19 with IC ₅₀ values of 18.2 nM and 524 nM, respectively, and it is also an orally active P2Y (12) inhibitor.
Targets(IC50)	Cytochromes P450,P2Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3645 mL	11.8226 mL	23.6451 mL
5 mM	0.4729 mL	2.3645 mL	4.729 mL
10 mM	0.2365 mL	1.1823 mL	2.3645 mL
50 mM	0.0473 mL	0.2365 mL	0.4729 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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