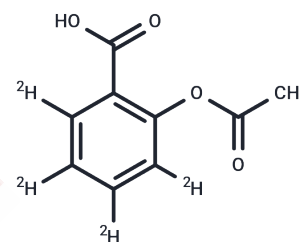


Aspirin-D4

Chemical Properties

CAS No. :	97781-16-3
Formula:	C ₉ H ₈ O ₄
Molecular Weight:	184.18
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	Aspirin-D4 is the deuterated form of Aspirin. Aspirin (T0005) acts as a non-selective and irreversible inhibitor of COX-1 and COX-2, with IC50 values of 5 µg/mL and 210 µg/mL, respectively.
Targets(IC50)	Mitophagy, Autophagy, COX, Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4295 mL	27.1474 mL	54.2947 mL
5 mM	1.0859 mL	5.4295 mL	10.8589 mL
10 mM	0.5429 mL	2.7147 mL	5.4295 mL
50 mM	0.1086 mL	0.5429 mL	1.0859 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481