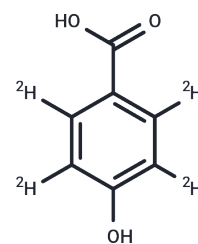


4-Hydroxybenzoic acid-D4

Chemical Properties

CAS No. :	152404-47-2
Formula:	C7H6O3
Molecular Weight:	142.15
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	4-Hydroxybenzoic acid-D4 is a deuterated form of 4-Hydroxybenzoic acid (T2989), which is a phenolic derivative of benzoic acid. It is effective in inhibiting most Gram-positive bacteria and some Gram-negative bacteria with an IC50 of 160 µg/mL.
Targets(IC50)	Others,Endogenous Metabolite,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.0348 mL	35.1741 mL	70.3482 mL
5 mM	1.407 mL	7.0348 mL	14.0696 mL
10 mM	0.7035 mL	3.5174 mL	7.0348 mL
50 mM	0.1407 mL	0.7035 mL	1.407 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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