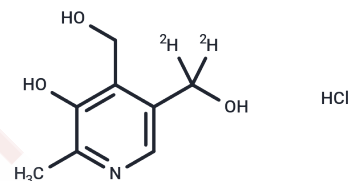


Pyridoxine-D2 hydrochloride

Chemical Properties

CAS No. : 5027-82-7
 Formula: C₈H₁₀D₂ClNO₃
 Molecular Weight: 207.65
 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	Pyridoxine-D2 hydrochloride is a deuterated compound of Pyridoxine Hydrochloride (TMSM-1999). Pyridoxine hydrochloride has a CAS number of 58-56-0. Pyridoxine hydrochloride is the 4-methanol form of vitaminB6 which is converted to pyridoxal phosphate which is a coenzyme for synthesis of amino acids, neurotransmitters (serotonin, norepinephrine), sphingolipids, aminolevulinic acid.
Targets(IC50)	Nrf2,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8158 mL	24.079 mL	48.158 mL
5 mM	0.9632 mL	4.8158 mL	9.6316 mL
10 mM	0.4816 mL	2.4079 mL	4.8158 mL
50 mM	0.0963 mL	0.4816 mL	0.9632 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.

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