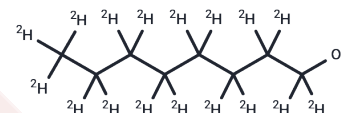


1-Octanol-D17

Chemical Properties

CAS No. : 153336-13-1
 Formula: C₈H₁₈O
 Molecular Weight: 147.33
 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	1-Octanol-D17 is a deuterated form of 1-Octanol. 1-Octanol (T10024) (Octanol) is a saturated fatty alcohol and acts as an inhibitor of T-type calcium channels (T-channels), with an IC ₅₀ of 4 μM for native T-currents. Additionally, 1-Octanol (T10024) is an appealing biofuel with characteristics similar to diesel.
Targets(IC ₅₀)	Calcium Channel,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.7875 mL	33.9374 mL	67.8748 mL
5 mM	1.3575 mL	6.7875 mL	13.575 mL
10 mM	0.6787 mL	3.3937 mL	6.7875 mL
50 mM	0.1357 mL	0.6787 mL	1.3575 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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