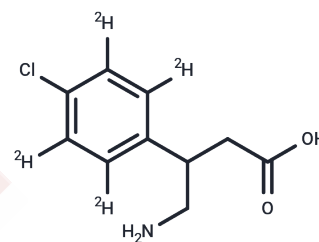


Baclofen-D4

Chemical Properties

CAS No. :	1189938-30-4
Formula:	C ₁₀ H ₈ D ₄ ClNO ₂
Molecular Weight:	217.69
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	Baclofen-D4 is a deuterated compound of Baclofen. Baclofen (T1065) has a CAS number of 1134-47-0. Baclofen (T1065) is a synthetic chlorophenyl-butanoic acid derivative used to treat spasms due to spinal cord damage and multiple sclerosis, muscle-relaxing. Baclofen (T1065) acts as a gamma-aminobutyric acid (GABA) agonist specific for GABA-B receptors. It acts at spinal and supraspinal sites, reducing excitatory transmission.
Targets(IC50)	GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5937 mL	22.9684 mL	45.9369 mL
5 mM	0.9187 mL	4.5937 mL	9.1874 mL
10 mM	0.4594 mL	2.2968 mL	4.5937 mL
50 mM	0.0919 mL	0.4594 mL	0.9187 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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