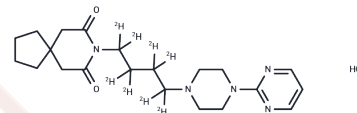


Buspirone-D8 hydrochloride (n-butyl-D8)

Chemical Properties

CAS No. : 1216761-39-5
 Formula: C₂₁H₂₄D₈ClN₅O₂
 Molecular Weight: 430.01
 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	Buspirone-D8 hydrochloride (n-butyl-D8) is a deuterated compound of Buspirone Hydrochloride (TMSM-3587). Buspirone hydrochloride has a CAS number of 33386-08-2. Buspirone is a 5HT (1A) receptor agonist, used to treat generalized anxiety disorder (GAD).
Targets(IC50)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3255 mL	11.6276 mL	23.2553 mL
5 mM	0.4651 mL	2.3255 mL	4.6511 mL
10 mM	0.2326 mL	1.1628 mL	2.3255 mL
50 mM	0.0465 mL	0.2326 mL	0.4651 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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