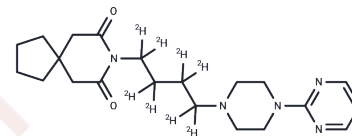


## Buspirone-D8

## Chemical Properties

CAS No. :	204395-49-3
Formula:	C <sub>21</sub> H <sub>23</sub> D <sub>8</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	393.55
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 is a deuterated compound of Buspirone. Buspirone (T21011) has a CAS number of 36505-84-7. Buspirone (T21011) free base is an agonist of serotonin receptor with anxiolytic activity. Buspirone (T21011) free base has an efficacy comparable to diazepam.
Targets(IC50)	Reactive Oxygen Species,5-HT Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.541 mL	12.7049 mL	25.4097 mL
5 mM	0.5082 mL	2.541 mL	5.0819 mL
10 mM	0.2541 mL	1.2705 mL	2.541 mL
50 mM	0.0508 mL	0.2541 mL	0.5082 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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