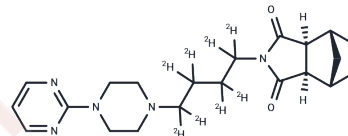


## Tandospirone-D8

## Chemical Properties

CAS No. : 1794835-73-6  
 Formula: C<sub>21</sub>H<sub>21</sub>D<sub>8</sub>N<sub>5</sub>O<sub>2</sub>  
 Molecular Weight: 391.54  
 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	Tandospirone-D8 is a deuterated compound of Tandospirone. Tandospirone (TQ0315) has a CAS number of 87760-53-0. Tandospirone (TQ0315) (SM-3997) is a selective partial agonist of 5-HT <sub>1A</sub> receptor (K <sub>i</sub> : 27 nM) that displays selectivity over SR-2, SR-1C, α <sub>1</sub> , α <sub>2</sub> , D <sub>1</sub> and D <sub>2</sub> receptors (K <sub>i</sub> : 1300-41000 nM).
Targets(IC <sub>50</sub> )	5-HT Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.554 mL	12.7701 mL	25.5402 mL
5 mM	0.5108 mL	2.554 mL	5.108 mL
10 mM	0.2554 mL	1.277 mL	2.554 mL
50 mM	0.0511 mL	0.2554 mL	0.5108 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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