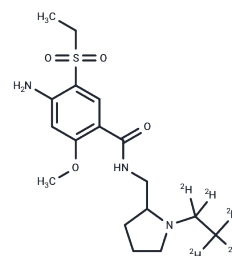


## Amisulpride-D5

## Chemical Properties

CAS No. :	1216626-17-3
Formula:	C17H22D5N3O4S
Molecular Weight:	374.51
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	Amisulpride-D5 isulpride-D5 is a deuterated compound of Amisulpride. Amisulpride (T0811) has a CAS number of 71675-85-9. Amisulpride (trade name Solian) is an antipsychotic drug sold by Sanofi-Aventis. It is not approved for use in the United States, but is approved for use in Europe and Australia for the treatment of psychoses and schizophrenia. Additionally, it is approved in Italy for the treatment of dysthymia (under the brand name Deniban). Amisulpride is a selective dopamine antagonist.
Targets(IC50)	Dopamine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6702 mL	13.3508 mL	26.7016 mL
5 mM	0.534 mL	2.6702 mL	5.3403 mL
10 mM	0.267 mL	1.3351 mL	2.6702 mL
50 mM	0.0534 mL	0.267 mL	0.534 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.

## Reference

- Rosenzweig P, et al. Hum Psychopharmacol. 2002 Jan;17(1):1-13.

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