Data Sheet (Cat.No.TMIJ-0315)

TargetMol

Quetiapine-D8 Fumarate

Chemical Properties

CAS No. : 1185247-12-4

Formula: C25H21D8N3O6S

Molecular Weight: 507.63

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	Quetiapine-D8 Fumarate is a deuterated compound of Quetiapine Fumarate. Quetiapine Fumarate (T6241) has a CAS number of 111974-72-2. Quetiapine Fumarate, an atypical antipsychotic, is used in the treatment of bipolar I mania, schizophrenia, bipolar II depression, bipolar I depression.
Targets(IC50)	5-HT Receptor,Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9699 mL	9.8497 mL	19.6994 mL
5 mM	0.394 mL	1.9699 mL	3.9399 mL
10 mM	0.197 mL	0.985 mL	1.9699 mL
50 mM	0.0394 mL	0.197 mL	0.394 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.

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