# Data Sheet (Cat.No.TMIJ-0315)

TargetMol

## Quetiapine-D8 Fumarate

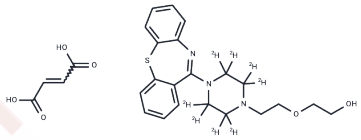
### Chemical Properties

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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