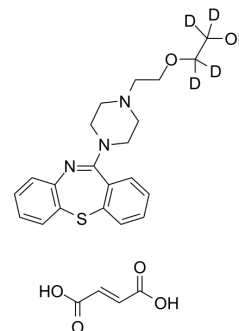


Quetiapine-d4 fumarate

| | |
|--------------------|--|
| Cat. No.: | HY-B0031S |
| CAS No.: | 1287376-15-1 |
| Molecular Formula: | C ₂₅ H ₂₅ D ₄ N ₃ O ₆ S |
| Molecular Weight: | 503.6 |
| Target: | 5-HT Receptor; Dopamine Receptor |
| Pathway: | GPCR/G Protein; Neuronal Signaling |
| Storage: | 4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |



BIOLOGICAL ACTIVITY

Description

Quetiapine D4 fumarate is the deuterium labeled Quetiapine fumarate. Quetiapine fumarate is a 5-HT receptors agonist and a dopamine receptor antagonist. Antidepressant and anxiolytic effects^[1].

REFERENCES

[1]. Cross AJ, et al. Quetiapine and its metabolite norquetiapine: translation from in vitro pharmacology to in vivo efficacy in rodent models. *Br J Pharmacol.* 2016 Jan;173(1):155-66.

Caution: Product has not been fully validated for medical applications. For research use only.

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