Screening Libraries



Certificate of Analysis

Quetiapine-d4 (fumarate)

Cat. No.: HY-B0031S CAS No .: 1287376-15-1

Batch No.: 27963

Chemical Name: $2-(2-(4-(Dibenzo[b,f][1,4]thiazepin-11-yl)piperazin-1-yl)ethoxy) ethan-1,1,2,2-d4-1-ol\ fumarate$

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{25}H_{25}D_4N_3O_6S$

Molecular Weight: 503.60

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (NMR): ≥98.0%

Conclusion: The product has been tested and complies with the given specifications.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA