

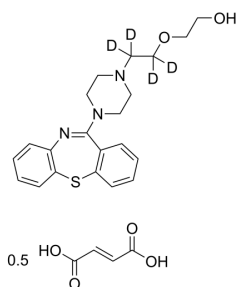
Quetiapine-d₄ (hemifumarate)

Cat. No.: HY-B0031S1
 CAS No.: 1217310-65-0
 Batch No.: 255456
 Chemical Name: Ethanol, 2-[2-(4-dibenzo[b,f][1,4]thiazepin-11-yl-1-piperazinyl)ethoxy-1,1,2,2-d₄]-, (2E)-2-butene dioate (2:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₃H₂₃D₄N₃O₄S
 Molecular Weight: 445.57
 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 (HPLC): 99.69%
 Isotopic Enrichment: 99.61%
 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.

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