

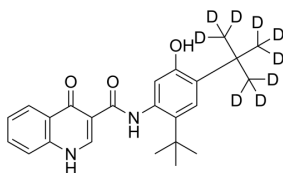
Ivacaftor-d₉

Cat. No.: HY-13017S
 CAS No.: 1413431-07-8
 Batch No.: 291812
 Chemical Name: 3-Quinolincarboxamide, N-[2-(1,1-dimethylethyl)-4-[1,1-di(methyl-d₃)ethyl-2,2,2-d₃]-5-hydroxyphenyl]-1,4-dihydro-4-oxo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₄H₁₉D₉N₂O₃
 Molecular Weight: 401.55
 Storage: Powder -20°C 3 years
 4°C 2 years
 In solvent -80°C 6 months
 -20°C 1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
 LCMS: Consistent with structure
 Purity (HPLC): 99.83%
 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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