

Finerenone-d5

Chemical Properties

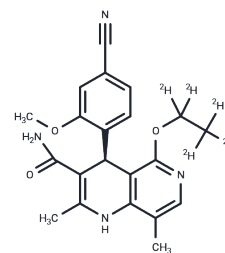
CAS No. :

Formula: C₂₁H₁₇D₅N₄O₃

Molecular Weight: 383.46

Appearance:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

| | |
|-------------|---|
| Description | Finerenone-d5 is a deuterated compound of Finerenone. Finerenone has a CAS number of 1050477-31-0. Finerenone is a third-generation, selective, and orally available nonsteroidal mineralocorticoid receptor (MR) antagonist with IC ₅₀ of 18 nM for the treatment of chronic heart failure. Finerenone displays excellent selectivity versus glucocorticoid receptor (GR), androgen receptor (AR), and progesterone receptor (>500-fold). |
|-------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.6078 mL | 13.0392 mL | 26.0783 mL |
| 5 mM | 0.5216 mL | 2.6078 mL | 5.2157 mL |
| 10 mM | 0.2608 mL | 1.3039 mL | 2.6078 mL |
| 50 mM | 0.0522 mL | 0.2608 mL | 0.5216 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.

Reference

- George L Bakris , Rajiv Agarwal ,et al.Effect of Finerenone on Albuminuria in Patients With Diabetic Nephropathy: A Randomized Clinical Trial.JAMA. 2015 Sep 1;314(9):884-94.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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