

Finerenone-D5

Chemical Properties

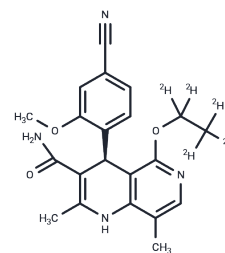
CAS No. :

Formula: C₂₁H₁₇D₅N₄O₃

Molecular Weight: 383.46

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description

Finerenone-D5 is a deuterated compound of Finerenone. Finerenone (T21395) has a CAS number of 1050477-31-0. Finerenone (T21395) is a third-generation, selective, and orally available nonsteroidal mineralocorticoid receptor (MR) antagonist with IC₅₀ 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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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