

N-desmethyl Apalutamide-D4

Chemical Properties

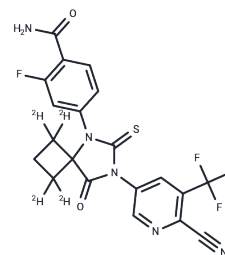
CAS No. :

Formula: C₂₀H₉D₄F₄N₅O₂S

Molecular Weight: 467.43

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

N-desmethyl Apalutamide-D4 is a deuterated compound of N-desmethyl Apalutamide. N-desmethyl Apalutamide (T12146) has a CAS number of 1332391-11-3. N-Desmethyl-Apalutamide is a less potent antagonist of the androgen receptor, is an active Apalutamide metabolite.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1394 mL	10.6968 mL	21.3936 mL
5 mM	0.4279 mL	2.1394 mL	4.2787 mL
10 mM	0.2139 mL	1.0697 mL	2.1394 mL
50 mM	0.0428 mL	0.2139 mL	0.4279 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

1. Pérez-Ruixo C, et al. Population Pharmacokinetics of Apalutamide and its Active Metabolite N-Desmethyl-Apalutamide in Healthy and Castration-Resistant Prostate Cancer Subjects. Clin Pharmacokinet. 2019 Aug 20.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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