

Apalutamide-D7

Chemical Properties

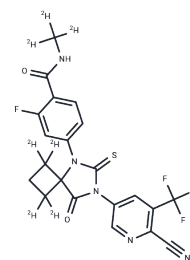
CAS No. :

Formula: C₂₁H₈D₇F₄N₅O₂S

Molecular Weight: 484.48

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	Apalutamide-D7 is a deuterated compound of Apalutamide. Apalutamide (T2339) has a CAS number of 956104-40-8. Apalutamide (T2339) is a small molecule and androgen receptor (AR) antagonist with potential antineoplastic activity.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0641 mL	10.3203 mL	20.6407 mL
5 mM	0.4128 mL	2.0641 mL	4.1281 mL
10 mM	0.2064 mL	1.032 mL	2.0641 mL
50 mM	0.0413 mL	0.2064 mL	0.4128 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. Clegg NJ, et al. Cancer Res, 2012, 72(6), 1494-1503.

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