

Apalutamide-13C-D3

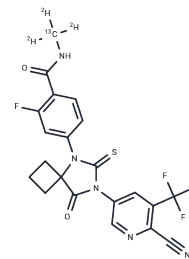
Chemical Properties

CAS No. :

Formula: 13C C₂₀H₁₂F₄N₅O₂S₂D₃

Molecular Weight: 481.45

Storage: Store at low temperature
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-13C-D3 is a 13C and 2H-labeled version of Apalutamide. Apalutamide (T2339) is an efficient androgen receptor (AR) antagonist used in the study of prostate diseases.
Targets(IC50)	Androgen Receptor

Solubility Information

Solubility	DMSO: 40 mg/mL (83.08 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0771 mL	10.3853 mL	20.7706 mL
5 mM	0.4154 mL	2.0771 mL	4.1541 mL
10 mM	0.2077 mL	1.0385 mL	2.0771 mL
50 mM	0.0415 mL	0.2077 mL	0.4154 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

Clegg NJ, et al. ARN-509: a novel antiandrogen for prostate cancer treatment. Cancer Res. 2012 Mar 15;72(6): 1494-503.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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