

Anticancer agent 135

Chemical Properties

CAS No. :

Formula: C₂₃H₂₁F₃N₄O₅

Molecular Weight: 458.5

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	Anticancer agent 135 (compound 26h) is a potent androgen receptor (AR) antagonist that blocks AR nuclear translocation and inhibits AR/AR-V7 heterodimerization to suppress downstream gene transcription, demonstrating strong efficacy in prostate cancer xenograft models [1].
Targets(IC50)	Androgen Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.181 mL	10.9051 mL	21.8103 mL
5 mM	0.4362 mL	2.181 mL	4.3621 mL
10 mM	0.2181 mL	1.0905 mL	2.181 mL
50 mM	0.0436 mL	0.2181 mL	0.4362 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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