

CYP11A1-IN-1

Chemical Properties

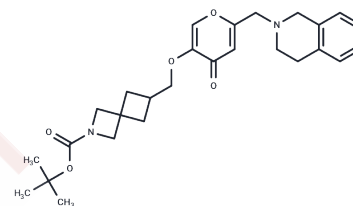
CAS No. : 2744168-51-0

Formula: C₂₇H₃₄N₂O₅

Molecular Weight: 466.57

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	CYP11A1-IN-1 (compound 30) is a selective CYP11A1 enzyme inhibitor with an IC ₅₀ of 201-2000 nM, used for studying steroid receptor-mediated diseases, particularly targeting androgen receptors in conditions like prostate cancer [1].
Targets(IC ₅₀)	Others,Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1433 mL	10.7165 mL	21.433 mL
5 mM	0.4287 mL	2.1433 mL	4.2866 mL
10 mM	0.2143 mL	1.0717 mL	2.1433 mL
50 mM	0.0429 mL	0.2143 mL	0.4287 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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