

DPLG3

Chemical Properties

CAS No. : 1801379-22-5

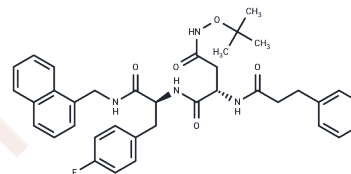
Formula: C37H41FN4O5

Molecular Weight: 640.74

Keep away from moisture

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	DPLG3, a specific inhibitor of the chymotryptic-like β 5i subunits, effectively inhibits mouse i-20S proteasomes with an IC50 value of 9.4 nM. This compound has applications in the research of immune diseases [1].
Targets(IC50)	NF- κ B, Proteasome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5607 mL	7.8035 mL	15.607 mL
5 mM	0.3121 mL	1.5607 mL	3.1214 mL
10 mM	0.1561 mL	0.7803 mL	1.5607 mL
50 mM	0.0312 mL	0.1561 mL	0.3121 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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