

AP1867-2-(carboxymethoxy)

Chemical Properties

CAS No. : 2230613-03-1

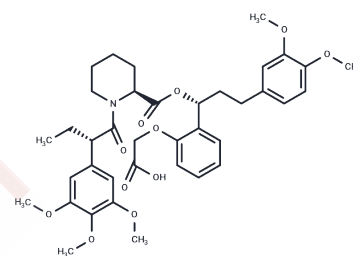
Formula: C₃₈H₄₇N₃O₁₁

Molecular Weight: 693.78

Keep away from direct sunlight

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	AP1867-2-(carboxymethoxy), a moiety based on the synthetic FKBP12F36V-directed ligand AP1867, connects to the CRBN ligand through a linker to generate dTAG molecules[1].
Targets(IC50)	Others,FKBP,Ligands for Target Protein for PROTAC
In vitro	dTAG molecules engage FKBP12F36V and CRBN[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4414 mL	7.2069 mL	14.4138 mL
5 mM	0.2883 mL	1.4414 mL	2.8828 mL
10 mM	0.1441 mL	0.7207 mL	1.4414 mL
50 mM	0.0288 mL	0.1441 mL	0.2883 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

Nabet B, et al. The dTAG system for immediate and target-specific protein degradation. Nat Chem Biol. 2018 May; 14(5):431-441.

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