

pan-KRAS-IN-5

Chemical Properties

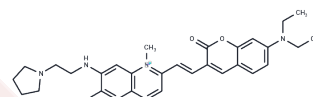
CAS No. : 3027172-23-9

Formula: C₃₁H₃₆FIN₄O₂

Molecular Weight: 642.55

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	Pan-KRAS-IN-5 (compound 15a) is a pan-KRAS translation inhibitor targeting 5'-UTR RNA G-quadruplexes (rG4s). It induces cell cycle arrest and promotes apoptosis in KRAS-driven cancer cells [1].
Targets(IC50)	Apoptosis,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5563 mL	7.7815 mL	15.563 mL
5 mM	0.3113 mL	1.5563 mL	3.1126 mL
10 mM	0.1556 mL	0.7781 mL	1.5563 mL
50 mM	0.0311 mL	0.1556 mL	0.3113 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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