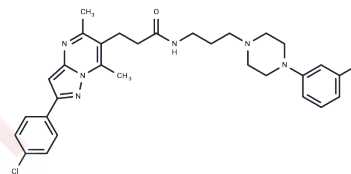


PTK7/ β -catenin-IN-2

Chemical Properties

CAS No. :	902434-29-1
Formula:	C ₃₀ H ₃₄ Cl ₂ N ₆ O
Molecular Weight:	565.54
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	PTK7/ β -catenin-IN-2 (compound 04967) acts as an inhibitor targeting both PTK7 and β -catenin, effectively preventing their interaction with an IC ₅₀ of 5.6 μ M and disrupting the Wnt/ β -catenin signaling pathway. This interference supports its role in inhibiting cell growth reliant on Wnt signaling, exhibiting anticancer capabilities. Additionally, the compound displays an inhibitory effect on the binding of p53 to MDM2, with an IC ₅₀ value of 157.1 μ M [1].
Targets(IC ₅₀)	Wnt/beta-catenin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7682 mL	8.8411 mL	17.6822 mL
5 mM	0.3536 mL	1.7682 mL	3.5364 mL
10 mM	0.1768 mL	0.8841 mL	1.7682 mL
50 mM	0.0354 mL	0.1768 mL	0.3536 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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