

USP7-IN-9

Chemical Properties

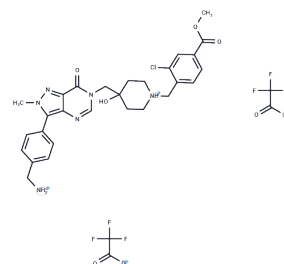
CAS No. :

Formula: C₃₂H₃₃ClF₆N₆O₈

Molecular Weight: 779.08

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	USP7-IN-9, a potent inhibitor of ubiquitin-specific protease 7 (USP7) with an IC ₅₀ of 40.8 nM, effectively induces apoptosis and arrests cell progression at the G ₀ /G ₁ and S phases in RS4;11 cells. It decreases the protein levels of oncoproteins MDM2 and DNMT1 while enhancing the levels of tumor suppressors p53 and p21.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2836 mL	6.4178 mL	12.8357 mL
5 mM	0.2567 mL	1.2836 mL	2.5671 mL
10 mM	0.1284 mL	0.6418 mL	1.2836 mL
50 mM	0.0257 mL	0.1284 mL	0.2567 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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