

TUS-007

Chemical Properties

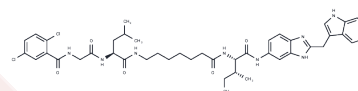
CAS No. : 2227029-18-5

Formula: C₄₄H₅₄Cl₂N₈O₅

Molecular Weight: 845.86

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	TUS-007, a modified CANDDY (Chemical knockdown with Affinity aNd Degradation DYNamics) molecule originally derived from a proteasome inhibitor, scarcely affects proteasome activity. It is a potent, orally active degrader of KRAS G12D/V, effective in cell-free chemical knockdown of KRAS G12D/V. Furthermore, TUS-007 has been shown to suppress tumor growth [1].
Targets(IC50)	Others,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1822 mL	5.9111 mL	11.8223 mL
5 mM	0.2364 mL	1.1822 mL	2.3645 mL
10 mM	0.1182 mL	0.5911 mL	1.1822 mL
50 mM	0.0236 mL	0.1182 mL	0.2364 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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