

USP7-IN-6

Chemical Properties

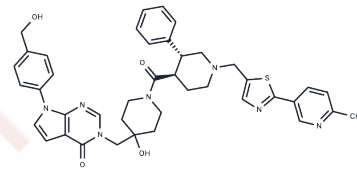
CAS No. : 2166586-47-4

Formula: C₄₁H₄₃N₇O₄S

Molecular Weight: 729.89

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	USP7-IN-6 is a potent inhibitor of ubiquitin-specific protease 7 (USP7) with an IC ₅₀ of 6.8 nM.
Targets(IC ₅₀)	DUB
In vitro	USP7-IN-6 shows cytotoxicity to Z138 tumour cells(IC ₅₀ 1.1 nM).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3701 mL	6.8503 mL	13.7007 mL
5 mM	0.274 mL	1.3701 mL	2.7401 mL
10 mM	0.137 mL	0.685 mL	1.3701 mL
50 mM	0.0274 mL	0.137 mL	0.274 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

András Kotschy, et al. New (hetero)aryl-substituted-piperidinyl derivatives, a process for their preparation and pharmaceutical compositions containing them. WO2017212010A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481