

ZP7

Chemical Properties

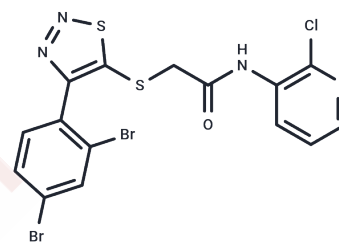
CAS No. : 1188890-60-9

Formula: C₁₅H₉Br₂ClN₄O₂S

Molecular Weight: 520.65

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	ZP7 is a HIV-1 replication inhibitor.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9207 mL	9.6034 mL	19.2068 mL
5 mM	0.3841 mL	1.9207 mL	3.8414 mL
10 mM	0.1921 mL	0.9603 mL	1.9207 mL
50 mM	0.0384 mL	0.1921 mL	0.3841 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

- Mujahid H, Pendarvis K, Reddy JS, Nallamilli BR, Reddy KR, Nanduri B, Peng Z. Comparative Proteomic Analysis of Cotton Fiber Development and Protein Extraction Method Comparison in Late Stage Fibers. *Proteomes*. 2016 Feb 3; 4(1). pii: E7. doi: 10.3390/proteomes4010007. PubMed PMID: 28248216; PubMed Central PMCID: PMC5217364.
- Lv Y, Liang Z, Ge M, Qi W, Zhang T, Lin F, Peng Z, Zhao H. Genome-wide identification and functional prediction of nitrogen-responsive intergenic and intronic long non-coding RNAs in maize (*Zea mays* L.). *BMC Genomics*. 2016 May 11;17:350. doi: 10.1186/s12864-016-2650-1. PubMed PMID: 27169379; PubMed Central PMCID: PMC4865003.
- Mujahid H, Tan F, Zhang J, Nallamilli BR, Pendarvis K, Peng Z. Nuclear proteome response to cell wall removal in rice (*Oryza sativa*). *Proteome Sci*. 2013 Jun 19;11(1):26. doi: 10.1186/1477-5956-11-26. PubMed PMID: 23777608; PubMed Central PMCID: PMC3695858.
- Mujahid H, Meng X, Xing S, Peng X, Wang C, Peng Z. Malonylome analysis in developing rice (*Oryza sativa*) seeds suggesting that protein lysine malonylation is well-conserved and overlaps with acetylation and succinylation substantially. *J Proteomics*. 2018 Jan 6;170:88-98. doi: 10.1016/j.jprot.2017.08.021. Epub 2017 Sep 4. PubMed PMID: 28882676.

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