

TIM-3-IN-1

Chemical Properties

CAS No. :	2883237-04-3
Formula:	C ₂₀ H ₁₆ ClN ₇ O ₃ S
Molecular Weight:	469.90
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	TIM-3-IN-1 is a useful tool to enable further studies on the biology of TIM-3 immunoregulation in cancer. TIM-3-IN-1 is used in immuno-oncology research systems to investigate TIM-3-mediated immune checkpoint regulation, T cell exhaustion mechanisms, and tumor immune microenvironment modulation in cancer immunology models.
Targets(IC50)	Immunology/Inflammation related

Solubility Information

Solubility	DMSO: 80 mg/mL (170.25 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1281 mL	10.6406 mL	21.2811 mL
5 mM	0.4256 mL	2.1281 mL	4.2562 mL
10 mM	0.2128 mL	1.0641 mL	2.1281 mL
50 mM	0.0426 mL	0.2128 mL	0.4256 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

Rietz TA, Teuscher KB, Mills JJ, Gogliotti RD, Lepovitz LT, Scaggs WR, et al. Fragment-Based Discovery of Small Molecules Bound to T-Cell Immunoglobulin and Mucin Domain-Containing Molecule 3 (TIM-3). J Med Chem. 2021 Oct 14;64(19):14757-72. doi:10.1021/acs.jmedchem.1c01336 PubMed PMID: 34597046.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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