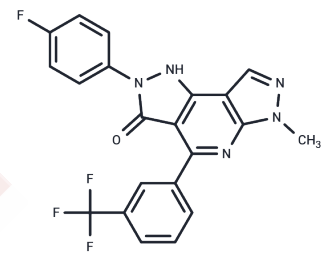


B7/CD28 interaction inhibitor 1

Chemical Properties

CAS No. :	635324-72-0
Formula:	C ₂₁ H ₁₃ F ₄ N ₅ O
Molecular Weight:	427.35
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	B7/CD28 interaction inhibitor 1 (CTLA-4 inhibitor) is a potent CTLA-4 inhibitor.
Targets(IC50)	Immunology/Inflammation related

Solubility Information

Solubility	DMSO: 85 mg/mL (198.9 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	2.340 mL	11.700 mL	23.400 mL
5 mM	0.468 mL	2.340 mL	4.680 mL
10 mM	0.234 mL	1.170 mL	2.340 mL
50 mM	0.0468 mL	0.234 mL	0.468 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

Zhao Y, Hao C, Li M, et al. PD-1/PD-L1 inhibitor ameliorates silica-induced pulmonary fibrosis by maintaining systemic immune homeostasis. *Biomedicine & Pharmacotherapy*. 2022, 148: 112768.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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