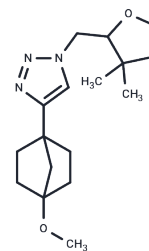


DDS5

Chemical Properties

CAS No. : 2871481-31-9
 Formula: C₁₇H₂₇N₃O₂
 Molecular Weight: 305.42
 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	DDS5 acts as a CD28 inhibitor with a kd of 175.57 μ M. It significantly inhibits the interaction between CD28 and CD80, with an IC ₅₀ of 332 μ M. DDS5 is applicable in research related to immune-mediated diseases, such as inflammatory bowel disease and rheumatoid arthritis.
Targets(IC50)	Immunology/Inflammation related

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2742 mL	16.3709 mL	32.7418 mL
5 mM	0.6548 mL	3.2742 mL	6.5484 mL
10 mM	0.3274 mL	1.6371 mL	3.2742 mL
50 mM	0.0655 mL	0.3274 mL	0.6548 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

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

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