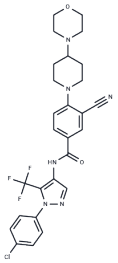
Data Sheet (Cat.No.T207422)

TargetMol

BS-153

Chemical Properties



CAS No. : 1935692-54-8

Formula: C27H26ClF3N6O2

Molecular Weight: 558.98

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	BS-153 is a novel synthetic oxazolidinone drug that exhibits anti-inflammatory effects by blocking the activation of the NF-κB/PKCθ pathway. It can suppress the expression levels of iNOS, COX-2, and pro-inflammatory cytokines (TNF-α, IL-1β, and IL-6) in LPS-stimulated RAW264.7 cells.
Targets(IC50)	NF-κB

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.789 mL	8.9449 mL	17.8897 mL
5 mM	0.3578 mL	1.789 mL	3.5779 mL
10 mM	0.1789 mL	0.8945 mL	1.789 mL
50 mM	0.0358 mL	0.1789 mL	0.3578 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

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