

TOP1288

## Chemical Properties

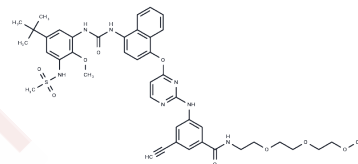
CAS No. : 1630202-02-6

Formula: C43H49N7O9S

Molecular Weight: 839.96

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	TOP1288 is a narrow-spectrum kinase inhibitor targeting P38 $\alpha$ , Src, and Syk kinases, with IC <sub>50</sub> values of 116nM, 24nM, and 659nM, respectively. It effectively inhibits inflammatory cytokine release from inflamed biopsies and myofibroblasts [1].
Targets(IC50)	Syk,p38 MAPK,Src

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1905 mL	5.9527 mL	11.9053 mL
5 mM	0.2381 mL	1.1905 mL	2.3811 mL
10 mM	0.1191 mL	0.5953 mL	1.1905 mL
50 mM	0.0238 mL	0.1191 mL	0.2381 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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