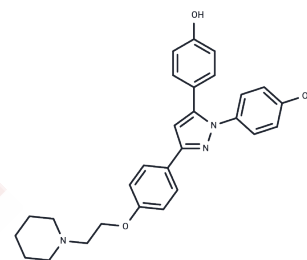


TSI-13-57

## Chemical Properties

CAS No. : 2257427-45-3  
 Formula: C<sub>28</sub>H<sub>29</sub>N<sub>3</sub>O<sub>3</sub>  
 Molecular Weight: 455.55  
 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	TSI-13-57 is a MyD88 inhibitor or pan-TLR inhibitor that suppresses MyD88 TIR domain dimerization without affecting MyD88-receptor interactions. TSI-13-57 inhibits LPS-induced TNF- $\alpha$ (IC <sub>50</sub> = 6.73 mM).
Targets(IC <sub>50</sub> )	MyD88,TNF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1951 mL	10.9757 mL	21.9515 mL
5 mM	0.439 mL	2.1951 mL	4.3903 mL
10 mM	0.2195 mL	1.0976 mL	2.1951 mL
50 mM	0.0439 mL	0.2195 mL	0.439 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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