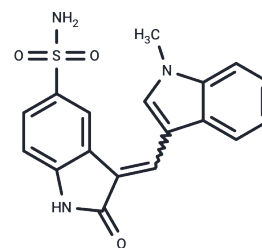


## OXSI-2

### Chemical Properties

CAS No. :	622387-85-3
Formula:	C <sub>18</sub> H <sub>15</sub> N <sub>3</sub> O <sub>3</sub> S
Molecular Weight:	353.39
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



### Biological Description

Description	OXSI-2 (Syk Inhibitor) is an inhibitor of Syk with an EC <sub>50</sub> of 313 nM and an IC <sub>50</sub> of 14 nM. OXSI-2 completely inhibits Adaptor protein LAT Y191 phosphorylation and Syk mediated events in platelets.
Targets(IC <sub>50</sub> )	Syk
In vitro	OXSI-2 (100 nM) does not affect the platelet functional responses induced by Convulxin, and modest shape change is still evident at 1 μM. OXSI-2 (2 μM) completely shape change and blocks GPVI-mediated dense granule release[2]. OXSI-2 (2 μM) inhibits pyroptotic cell death, inflammasome assembly, caspase-1 activation, IL-1β processing and release and mitochondrial ROS generation[3].

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8297 mL	14.1487 mL	28.2973 mL
5 mM	0.5659 mL	2.8297 mL	5.6595 mL
10 mM	0.283 mL	1.4149 mL	2.8297 mL
50 mM	0.0566 mL	0.283 mL	0.5659 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

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