

INO5042

## Chemical Properties

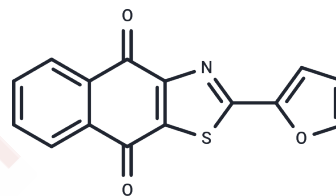
CAS No. : 14782-19-5

Formula: C<sub>15</sub>H<sub>7</sub>NO<sub>3</sub>S

Molecular Weight: 281.29

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	INO5042 is an anti-inflammatory agent.
Targets(IC50)	Others
In vitro	Upon administration of INO5042 to endothelial cells, there is a noticeable acceleration in velocities, increasing from 3-5 to 7-11 micrometers per second. Similarly, exposure of neutrophils, both in isolation and in conjunction with endothelial cells, to INO5042 consistently yields a notable reduction in the quantity of adhesion and rolling cells.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.555 mL	17.7752 mL	35.5505 mL
5 mM	0.711 mL	3.555 mL	7.1101 mL
10 mM	0.3555 mL	1.7775 mL	3.555 mL
50 mM	0.0711 mL	0.3555 mL	0.711 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

Renard M, et al. Induced changes of leukocyte slow rolling in an in flow pharmacological model of adhesion to endothelial cells. *Biorheology*. 2003;40(1-3):173-8.

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