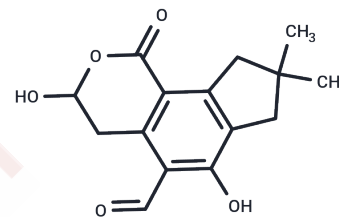


## Illudalic acid

## Chemical Properties

CAS No. :	18508-77-5
Formula:	C <sub>15</sub> H <sub>16</sub> O <sub>5</sub>
Molecular Weight:	276.28
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	Illudalic acid, a potent and selective Leukocyte antigen-related (LAR) phosphatase inhibitor, has an IC <sub>50</sub> value of 1.30 μM. It inhibits LAR phosphatase by covalently binding to the catalytic cysteine residue [1] [2].
Targets(IC <sub>50</sub> )	Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6195 mL	18.0976 mL	36.1952 mL
5 mM	0.7239 mL	3.6195 mL	7.239 mL
10 mM	0.362 mL	1.8098 mL	3.6195 mL
50 mM	0.0724 mL	0.362 mL	0.7239 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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