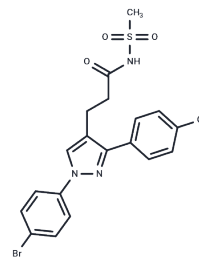


## HadAB-IN-1

## Chemical Properties

CAS No. :	1097120-47-2
Formula:	C <sub>19</sub> H <sub>17</sub> BrClN <sub>3</sub> O <sub>3</sub> S
Molecular Weight:	482.78
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	HadAB-IN-1, a potent inhibitor of the HadAB enzyme complex, exhibits significant activity by restraining mycolic acid biosynthesis in Mycobacterium tuberculosis (Mtb), with an inhibitory concentration (IC <sub>50</sub> ) value of 0.03 μM. This compound is utilized in tuberculosis (TB) research.
Targets(IC <sub>50</sub> )	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0713 mL	10.3567 mL	20.7134 mL
5 mM	0.4143 mL	2.0713 mL	4.1427 mL
10 mM	0.2071 mL	1.0357 mL	2.0713 mL
50 mM	0.0414 mL	0.2071 mL	0.4143 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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