

GWP-042

## Chemical Properties

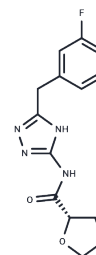
CAS No. : 1645486-93-6

Formula: C<sub>14</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 290.29

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	GWP-042 is an effective inhibitor of Mycobacterium alanine dehydrogenase (Ald) Rv2780, with an IC <sub>50</sub> of 0.21 μM. It exhibits antibacterial activity against Mycobacterium tuberculosis (M. tuberculosis) infections in vivo.
Targets(IC <sub>50</sub> )	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4448 mL	17.2242 mL	34.4483 mL
5 mM	0.689 mL	3.4448 mL	6.8897 mL
10 mM	0.3445 mL	1.7224 mL	3.4448 mL
50 mM	0.0689 mL	0.3445 mL	0.689 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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