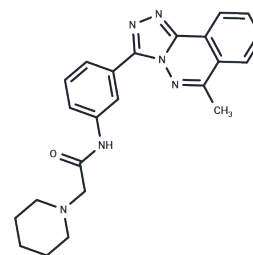


## Antibacterial agent 281

## Chemical Properties

CAS No. :	585553-10-2
Formula:	C <sub>23</sub> H <sub>24</sub> N <sub>6</sub> O
Molecular Weight:	400.48
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	Antibacterial agent 281 (Compound 95,186) effectively inhibits the growth of GAS by binding to the ligand-binding pocket of SPs0871, competing with the ligand. It exhibits concentration-dependent growth inhibition against Streptococcus pyogenes (S. pyogenes).
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.497 mL	12.485 mL	24.970 mL
5 mM	0.4994 mL	2.497 mL	4.994 mL
10 mM	0.2497 mL	1.2485 mL	2.497 mL
50 mM	0.0499 mL	0.2497 mL	0.4994 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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