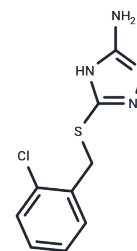


Antibacterial agent 117

Chemical Properties

CAS No. :	341944-06-7
Formula:	C ₉ H ₉ ClN ₄ S
Molecular Weight:	240.71
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Antibacterial Agent 117, a triazole derivative, exhibits activity against <i>R. prowazekii</i> MetAP1 (RpMetAP1) with an IC ₅₀ value of 15 μ M, indicating its potency as an antibacterial agent. It effectively inhibits rickettsial growth, making it valuable for infection research [1].
In vitro	Antibacterial agent 117 can inhibit RpMetAP1 with an IC ₅₀ value of 15 μ M [1]. Antibacterial agent 117 (0.3 μ M, 3 μ M, 30 μ M and 300 μ M) stimulates the metabolism of endothelial cell (EC) and also inhibits the growth of rickettsial [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1544 mL	20.7719 mL	41.5438 mL
5 mM	0.8309 mL	4.1544 mL	8.3088 mL
10 mM	0.4154 mL	2.0772 mL	4.1544 mL
50 mM	0.0831 mL	0.4154 mL	0.8309 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.

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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