

Product Data Sheet

Product Name: Antibacterial agent 117

Cat. No.: GC65982

Chemical Properties

Cas. No. 341944-06-7

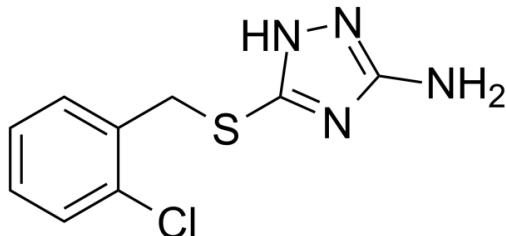
Formula $C_9H_9ClN_4S$ M.Wt 240.71

Solubility DMSO : 100 mg/mL (415.44 mM; Storage 4°C, protect from light
Need ultrasonic)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Caution: Product has not been fully validated for medical applications. For research use only.

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Background

IC₅₀: 15 µM (RpMetAP1)^[1]

Antibacterial agent 117, triazole derivative, is an antibacterial agent. Antibacterial agent 117 has activity against *R. prowazekii* MetAP1 (RpMetAP1) with an **IC₅₀** value of 15 µM. Antibacterial agent 117 also inhibits rickettsial growth and can be used for the research of infection^[1].

Antibacterial agent 117 can inhibit RpMetAP1 with an **IC₅₀** value of 15 µM^[1].

Antibacterial agent 117 (0.3 µM, 3 µM, 30 µM and 300 µM) stimulates endothelial cell (EC) metabolism and also inhibits rickettsial growth^[1].

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