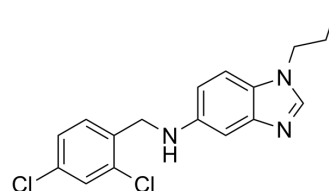


C215

Cat. No.: HY-124814
CAS No.: 912780-51-9
Molecular Formula: C₁₇H₁₇Cl₂N₃
Molecular Weight: 334.24
Target: Bacterial
Pathway: Anti-infection
Storage: -20°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (186.99 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.9919 mL	14.9593 mL	29.9186 mL
	5 mM	0.5984 mL	2.9919 mL	5.9837 mL
	10 mM	0.2992 mL	1.4959 mL	2.9919 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

C215 is a potent inhibitor of MmpL3. C215 is identified in HTS with glycerol independent activity against *M. tuberculosis*, limited non-specific toxicity against mammalian cells, an IC₉₀ of 16 μM against *M. tuberculosis*, and efficacy against *M. tuberculosis* growing in macrophages^[1].

REFERENCES

[1]. Stanley SA, Grant SS, Kawate T, et al. Identification of novel inhibitors of *M. tuberculosis* growth using whole cell based high-throughput screening. *ACS Chem Biol.* 2012;7(8):1377-1384.

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

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