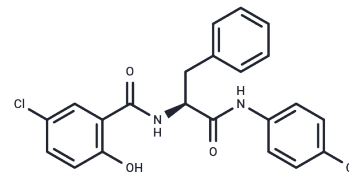


(S)-5-chloro-N-(1-((4-chlorophenyl)amino)-1-oxo-3-phenylpropan-2-yl)-2-hydroxybenzamide

Chemical Properties

CAS No. :	1227476-97-2
Formula:	C ₂₂ H ₁₈ Cl ₂ N ₂ O ₃
Molecular Weight:	429.3
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(S)-5-chloro-N-(1-((4-chlorophenyl)amino)-1-oxo-3-phenylpropan-2-yl)-2-hydroxybenzamide has antifungal and tuberculostatic activities.
Targets(IC50)	Antibiotic, Antifungal

Solubility Information

Solubility	DMSO: 55 mg/mL (128.12 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3294 mL	11.6469 mL	23.2937 mL
5 mM	0.4659 mL	2.3294 mL	4.6587 mL
10 mM	0.2329 mL	1.1647 mL	2.3294 mL
50 mM	0.0466 mL	0.2329 mL	0.4659 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.

Reference

Imramovsky A, et al. Investigating spectrum of biological activity of 4- and 5-chloro-2-hydroxy-N-[2-(arylamino)-1-alkyl-2-oxoethyl]benzamides. *Molecules*. 2011 Mar 14;16(3):2414-30.

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