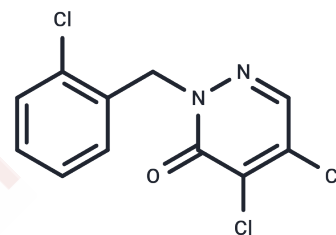


## EcDsbB-IN-12

## Chemical Properties

CAS No. :	112749-52-7
Formula:	C <sub>11</sub> H <sub>7</sub> Cl <sub>3</sub> N <sub>2</sub> O
Molecular Weight:	289.55
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	EcDsbB-IN-12 (4,5-dichloro-2-[(2-chlorophenyl)methyl]pyridazin-3-one) targets disulfide bond forming enzyme, and is a novel potent specific inhibitor of EcDsbB.
Targets(IC50)	Others, Antibacterial

## Solubility Information

Solubility	DMSO: 25 mg/mL (86.34 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4536 mL	17.2682 mL	34.5363 mL
5 mM	0.6907 mL	3.4536 mL	6.9073 mL
10 mM	0.3454 mL	1.7268 mL	3.4536 mL
50 mM	0.0691 mL	0.3454 mL	0.6907 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.

## Reference

Shouldice S R , Heras B , Walden P M , et al. Structure and Function of DsbA, a Key Bacterial Oxidative Folding Catalyst[J]. Antioxidants & Redox Signaling, 2011, 14(9):1729-1760.

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