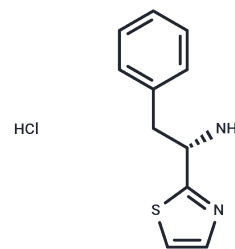


## (S)-Dolaphenine hydrochloride

## Chemical Properties

CAS No. :	135383-60-7
Formula:	C <sub>11</sub> H <sub>13</sub> ClN <sub>2</sub> S
Molecular Weight:	240.75
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	(S)-Dolaphenine hydrochloride is a valuable component for compound synthesis.
Targets(IC50)	Others, Microtubule Associated

## Solubility Information

Solubility	DMSO: 50 mg/mL (207.68 mM), Sonication is recommended. H <sub>2</sub> O: 50 mg/mL (207.68 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	4.1537 mL	20.7684 mL	41.5369 mL
5 mM	0.8307 mL	4.1537 mL	8.3074 mL
10 mM	0.4154 mL	2.0768 mL	4.1537 mL
50 mM	0.0831 mL	0.4154 mL	0.8307 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

Stereoselective method for synthesizing dolaphenine. United States Patent 5750713

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