

## 6-Methyl-1H-Indole-2-Carboxylic Acid

## Chemical Properties

CAS No. :	18474-59-4
Formula:	C <sub>10</sub> H <sub>9</sub> NO <sub>2</sub>
Molecular Weight:	175.184
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	6-Methyl-1H-Indole-2-Carboxylic Acid is a PIM-1 inhibitor (IC <sub>50</sub> = 63.6 μM) and can be used in biochemical research.
Targets(IC50)	Pim

## Solubility Information

Solubility	DMSO: 80.00 mg/mL (456.66 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	5.7084 mL	28.5421 mL	57.0841 mL
5 mM	1.1417 mL	5.7084 mL	11.4168 mL
10 mM	0.5708 mL	2.8542 mL	5.7084 mL
50 mM	0.1142 mL	0.5708 mL	1.1417 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

Good AC, Liu J, Hirth B, et al. Implications of promiscuous Pim-1 kinase fragment inhibitor hydrophobic interactions for fragment-based drug design. J Med Chem. 2012;55(6):2641-2648.

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