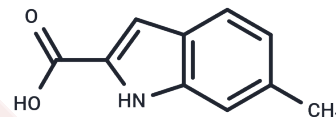


## 6-Methyl-1H-Indole-2-Carboxylic Acid

## Chemical Properties

CAS No. :	18474-59-4
Formula:	C <sub>10</sub> H <sub>9</sub> NO <sub>2</sub>
Molecular Weight:	175.19
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	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)	PERK,Pim

## Solubility Information

Solubility	DMSO: 80.00 mg/mL (456.65 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7081 mL	28.5404 mL	57.0809 mL
5 mM	1.1416 mL	5.7081 mL	11.4162 mL
10 mM	0.5708 mL	2.854 mL	5.7081 mL
50 mM	0.1142 mL	0.5708 mL	1.1416 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481