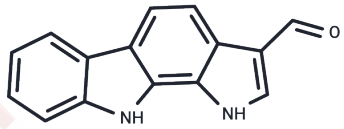
# Data Sheet (Cat.No.T25318)

TargetMol

## DHPCC-9

### Chemical Properties




CAS No. : 1192248-37-5

Formula: C15H10N2O

Molecular Weight: 234.25

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 | DHPCC-9 is an inhibitor of Pim kinase. |
| Targets(IC50) | Others,Pim |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 4.2689 mL | 21.3447 mL | 42.6894 mL |
| 5 mM | 0.8538 mL | 4.2689 mL | 8.5379 mL |
| 10 mM | 0.4269 mL | 2.1345 mL | 4.2689 mL |
| 50 mM | 0.0854 mL | 0.4269 mL | 0.8538 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

Santio NM, Eerola SK, Paatero I, Yli-Kauhaluoma J, Anizon F, Moreau P, Tuomela J, Härkönen P, Koskinen PJ. Pim Kinases Promote Migration and Metastatic Growth of Prostate Cancer Xenografts. PLoS One. 2015 Jun 15;10(6): e0130340. doi: 10.1371/journal.pone.0130340. eCollection 2015. PubMed PMID: 26075720; PubMed Central PMCID: PMC4467846.

Santio NM, Vahakoski RL, Rainio EM, Sandholm JA, Virtanen SS, Prudhomme M, Anizon F, Moreau P, Koskinen PJ. Pim-selective inhibitor DHPCC-9 reveals Pim kinases as potent stimulators of cancer cell migration and invasion. Mol Cancer. 2010 Oct 19;9:279. doi: 10.1186/1476-4598-9-279. PubMed PMID: 20958956; PubMed Central PMCID: PMC2978147.

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