

CC-1088

Chemical Properties

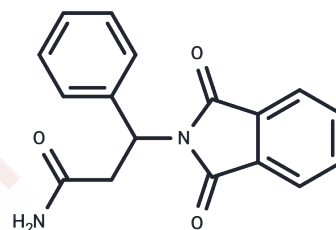
CAS No. : 467421-06-3

Formula: C17H14N2O3

Molecular Weight: 294.31

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 | CC-1088 is an analog of thalidomide with potential antineoplastic activity that belongs to the functional class of agents called selective cytokine inhibitory drugs (SelCIDs). SelCIDs inhibit phosphodiesterase-4 (PDE 4), an enzyme involved in tumor necrosis factor alpha (TNF alpha) production. CC-1088 inhibits production of the cytokines vascular endothelial growth factor (VEGF) (a pro-angiogenic factor) and interleukin-6 (IL-6). |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.3978 mL | 16.9889 mL | 33.9778 mL |
| 5 mM | 0.6796 mL | 3.3978 mL | 6.7956 mL |
| 10 mM | 0.3398 mL | 1.6989 mL | 3.3978 mL |
| 50 mM | 0.068 mL | 0.3398 mL | 0.6796 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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