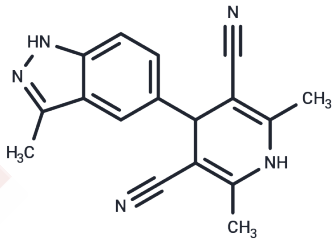
Data Sheet (Cat.No.T7900)

TargetMol

BAY-474

Chemical Properties



CAS No. : 1033767-86-0

Formula: C17H15N5

Molecular Weight: 289.33

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	BAY-474 is an inhibitor of tyrosine-protein kinase c-Met. It acts as an epigenetics probe
Targets(IC50)	c-Met/HGFR

Solubility Information

Solubility	DMSO: 120 mg/mL (414.75 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (13.83 mM),Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4563 mL	17.2813 mL	34.5626 mL
5 mM	0.6913 mL	3.4563 mL	6.9125 mL
10 mM	0.3456 mL	1.7281 mL	3.4563 mL
50 mM	0.0691 mL	0.3456 mL	0.6913 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

Müller S, et al. Donated chemical probes for open science. Elife. 2018 Apr 20;7. pii: e34311.

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