Data Sheet (Cat.No.T60404)



NLRP3/AIM2-IN-2

Chemical Propert		
CAS No. :	791840-86-3	СH ₃ І
Formula:	C15H15NO3	
Molecular Weight:	257.28	
Appearance:	no data available	
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year	он

Biological Description	
Description	NLRP3/AIM2-IN-2 is a novel potent inhibitor with different species-specific effects on NLRP3 and AIM2 inflammasome dependent pyroptosis with IC50 of 0.2392 ± 0.0233 µ M.
Targets(IC50)	AIM2

Solubility Information	
Solubility	DMSO: 112.5 mg/mL (437.3 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8868 mL	19.4341 mL	38.8682 mL
5 mM	0.7774 mL	3.8868 mL	7.7736 mL
10 mM	0.3887 mL	1.9434 mL	3.8868 mL
50 mM	0.0777 mL	0.3887 mL	0.7774 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.

Reference

Jiao Y,et al. Discovery of a novel and potent inhibitor with differential species-specific effects against NLRP3 and AIM2 inflammasome-dependent pyroptosis. Eur J Med Chem. 2022;232:114194.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481