Data Sheet (Cat.No.T8409)



SYN1143

Chemical Propert		
CAS No. :	913376-84-8	CH ₃
Formula:	C31H29FN4O5	γ
Molecular Weight:	556.58	F CH3
Appearance:	no data available	OF N H ₃ C CH ₃
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year	\bigcirc

Biological Description

Description	SYN1143 (AMG-1) is a potent inhibitor of human RON and c-Met.In vitro kinase assays showed that compound I is a potent inhibitor of human RON and c-Met with IC50s of 9 and 4 nmol/L, respectively.
Targets(IC50)	c-Met/HGFR

Solubility Information Solubility DMSO: 90 mg/mL (161.7 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)</td>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7967 mL	8.9834 mL	17.9669 mL
5 mM	0.3593 mL	1.7967 mL	3.5934 mL
10 mM	0.1797 mL	0.8983 mL	1.7967 mL
50 mM	0.0359 mL	0.1797 mL	0.3593 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

Zhang Y, et, al. Identification of a novel recepteur d'origine nantais/c-met small-molecule kinase inhibitor with antitumor activity in vivo. Cancer Res. 2008 Aug 15;68(16):6680-7.

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