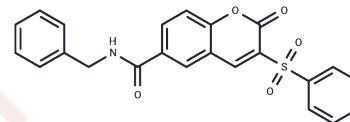


NR2F6 modulator-1

Chemical Properties

CAS No. :	904449-84-9
Formula:	C ₂₃ H ₁₇ NO ₅
Molecular Weight:	419.45
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	NR2F6 modulator-1 is a potent modulator of nuclear receptor subfamily 2, group F, member 6 (NR2F6), used to study immune regulation and modulation of tumour stem cell activity.
Targets(IC50)	Others,Chk

Solubility Information

Solubility	DMSO: 112.5 mg/mL (268.21 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 3.3 mg/mL (7.87 mM),Sonication is recommended. <i>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.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3841 mL	11.9204 mL	23.8407 mL
5 mM	0.4768 mL	2.3841 mL	4.7681 mL
10 mM	0.2384 mL	1.192 mL	2.3841 mL
50 mM	0.0477 mL	0.2384 mL	0.4768 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

Harry M., et al. Small molecule agonists and antagonists of nr2f6 activity. US20180346456A1 (compound C115)

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