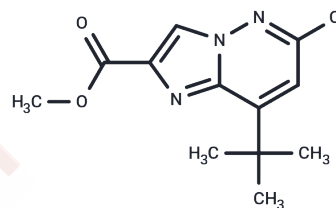


PAR-2-IN-1

Chemical Properties

CAS No. : 1690176-75-0
 Formula: C₁₂H₁₄ClN₃O₂
 Molecular Weight: 267.71
 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	PAR-2-IN-1 (IUN76750) is a PAR- 2 signaling pathway inhibitor with anti-inflammatory and anticancer effects.
Targets(IC50)	Protease-activated Receptor

Solubility Information

Solubility	DMSO: 83.33 mg/mL (311.27 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 (12.33 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	3.7354 mL	18.6769 mL	37.3539 mL
5 mM	0.7471 mL	3.7354 mL	7.4708 mL
10 mM	0.3735 mL	1.8677 mL	3.7354 mL
50 mM	0.0747 mL	0.3735 mL	0.7471 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

Luc J. Farmer, et al. Imidazopyridazines useful as inhibitors of the par-2 signaling pathway. WO2015048245A1.

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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