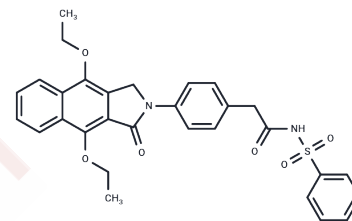


GW627368

Chemical Properties

CAS No. : 439288-66-1
 Formula: C₃₀H₂₈N₂O₆S
 Molecular Weight: 544.62
 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	GW627368 (GW 627368X)X is a novel, potent and selective antagonist of prostanoid EP4 receptor.
Targets(IC50)	Prostaglandin Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (91.81 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: 2 mg/mL (3.67 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	1.8361 mL	9.1807 mL	18.3614 mL
5 mM	0.3672 mL	1.8361 mL	3.6723 mL
10 mM	0.1836 mL	0.9181 mL	1.8361 mL
50 mM	0.0367 mL	0.1836 mL	0.3672 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

Wilson RJ, et al. Br J Pharmacol. 2006 Jun; 148(3): 326-39.

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