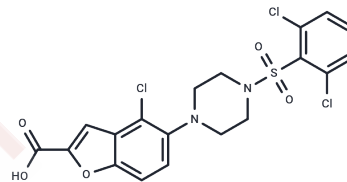


Vonafexor

Chemical Properties

CAS No. :	1192171-69-9
Formula:	C ₁₉ H ₁₅ Cl ₃ N ₂ O ₅ S
Molecular Weight:	489.76
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	Vonafexor (EYP001) is a farnesoid X receptor (FXR, NR1H4) agonist, with anti-HBV effects
Targets(IC50)	FXR,HBV

Solubility Information

Solubility	DMSO: 22.5 mg/mL (45.94 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 (4.08 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	2.0418 mL	10.2091 mL	20.4182 mL
5 mM	0.4084 mL	2.0418 mL	4.0836 mL
10 mM	0.2042 mL	1.0209 mL	2.0418 mL
50 mM	0.0408 mL	0.2042 mL	0.4084 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

Fiorucci S, et al. Bile acid modulators for the treatment of nonalcoholic steatohepatitis (NASH) [published online ahead of print, 2020 Jun 19]. Expert Opin Investig Drugs. 2020;1-10.

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