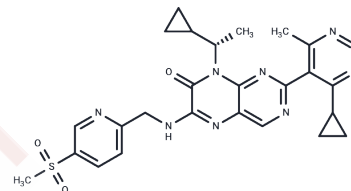


## Bevurogant

## Chemical Properties

CAS No. :	1817773-66-2
Formula:	C <sub>26</sub> H <sub>28</sub> N <sub>8</sub> O <sub>3</sub> S
Molecular Weight:	532.62
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	Bevurogant is an antagonist of ROR $\gamma$ t receptor and can be used in studies about the treatment of chronic inflammatory diseases.
Targets(IC50)	ROR

## Solubility Information

Solubility	DMSO: 245 mg/mL (459.99 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: 5 mg/mL (9.39 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	1.8775 mL	9.3876 mL	18.7751 mL
5 mM	0.3755 mL	1.8775 mL	3.755 mL
10 mM	0.1878 mL	0.9388 mL	1.8775 mL
50 mM	0.0376 mL	0.1878 mL	0.3755 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

BAKONYI J, et, al. Compounds as modulators of ror gamma. US20150291607A1.

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