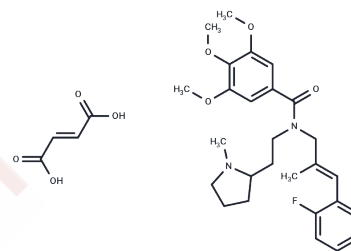


## VUF11207 fumarate

## Chemical Properties

CAS No. :	1785665-61-3
Formula:	C <sub>31</sub> H <sub>39</sub> FN <sub>2</sub> O <sub>8</sub>
Molecular Weight:	586.65
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	VUF11207 fumarate is an agonist of CXCR7 and a high-potency ligand of CXCR7 (pKi: 8.1).
Targets(IC50)	Arrestin,CXCR

## Solubility Information

Solubility	DMSO: 247 mg/mL (421.03 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 (8.52 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	1.7046 mL	8.523 mL	17.0459 mL
5 mM	0.3409 mL	1.7046 mL	3.4092 mL
10 mM	0.1705 mL	0.8523 mL	1.7046 mL
50 mM	0.0341 mL	0.1705 mL	0.3409 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

Wijtmans M, et al. Synthesis, modeling and functional activity of substituted styrene-amides as small-molecule CXCR7 agonists. Eur J Med Chem. 2012 May;51:184-92.

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