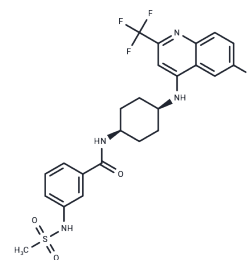


## MrgprX2 antagonist-8

## Chemical Properties

CAS No. :	2768216-96-0
Formula:	C <sub>24</sub> H <sub>24</sub> ClF <sub>3</sub> N <sub>4</sub> O <sub>3</sub> S
Molecular Weight:	540.99
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	MrgprX2 antagonist-8 is an MrgprX2 antagonist that can be used to study inflammatory diseases.
Targets(IC50)	MRGPR

## Solubility Information

Solubility	DMSO: 225 mg/mL (415.9 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8485 mL	9.2423 mL	18.4846 mL
5 mM	0.3697 mL	1.8485 mL	3.6969 mL
10 mM	0.1848 mL	0.9242 mL	1.8485 mL
50 mM	0.037 mL	0.1848 mL	0.3697 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

Marion Lanier, et al. Modulators of mas-related g-protein receptor x2 and related products and their use. WO2022087083A1.

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