

## EP4 receptor antagonist 2

## Chemical Properties

CAS No. : 1965316-82-8

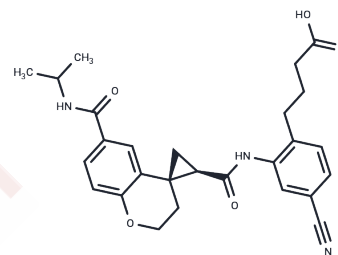
Formula: C<sub>27</sub>H<sub>29</sub>N<sub>3</sub>O<sub>5</sub>

Molecular Weight: 475.54

Keep away from direct sunlight

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	EP4 receptor antagonist 2 (compound 2-13) is a potent EP4 receptor antagonist with an IC <sub>50</sub> value of 7.8 nM. EP4 receptor antagonist 2 exhibits anti-tumor activity.
Targets(IC <sub>50</sub> )	Prostaglandin Receptor

## Solubility Information

Solubility	DMSO: 80 mg/mL (168.23 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	2.1029 mL	10.5144 mL	21.0287 mL
5 mM	0.4206 mL	2.1029 mL	4.2057 mL
10 mM	0.2103 mL	1.0514 mL	2.1029 mL
50 mM	0.0421 mL	0.2103 mL	0.4206 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

Masaki Asada, et al. Tricyclic spiro compound. US20200102284A1.

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