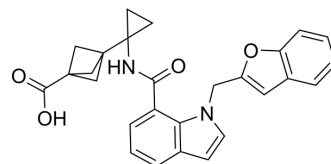


EP4-IN-1

Cat. No.:	HY-153935		
CAS No.:	2455480-28-9		
Molecular Formula:	C ₂₇ H ₂₄ N ₂ O ₄		
Molecular Weight:	440.49		
Target:	Prostaglandin Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (567.55 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2702 mL	11.3510 mL	22.7020 mL
	5 mM	0.4540 mL	2.2702 mL	4.5404 mL
	10 mM	0.2270 mL	1.1351 mL	2.2702 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

EP4-IN-1 is a potent prostanoid EP4 receptor inhibitor. EP4-IN-1 is extracted from patent WO2023025270 (example 1), and exhibits prospect in tumor immunity and anti-inflammatory analgesia research^[1].

IC₅₀ & Target

EP4

REFERENCES

[1]. Deng qi yuan, et al. Solid form of indole compound, preparation method therefor and use thereof. Patent WO2023025270A1.

Caution: Product has not been fully validated for medical applications. For research use only.

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