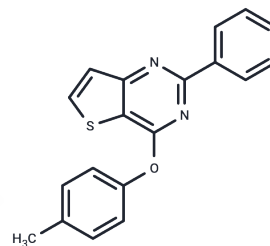


EP4 receptor antagonist 4

Chemical Properties

CAS No. :	691869-12-2
Formula:	C ₁₉ H ₁₄ N ₂ O ₂
Molecular Weight:	318.39
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 4 is an agonist of EP4 receptor (human pEC ₅₀ = 6.3) [1].
Targets(IC ₅₀)	Others, Prostaglandin Receptor
In vitro	Treatment with EP4 receptor antagonist 4 for 24 hours demonstrated agonistic effects in HEK293 cells stably transfected with hEP4, whereas a 30-minute treatment displayed both agonistic (pEC ₅₀ <5) and antagonistic (pIC ₅₀ <5) activities [1]. Furthermore, a Cell Viability Assay conducted on HEK293 cells for an incubation period of 24 hours revealed a human pEC ₅₀ value of 6.3 [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1408 mL	15.704 mL	31.408 mL
5 mM	0.6282 mL	3.1408 mL	6.2816 mL
10 mM	0.3141 mL	1.5704 mL	3.1408 mL
50 mM	0.0628 mL	0.3141 mL	0.6282 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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