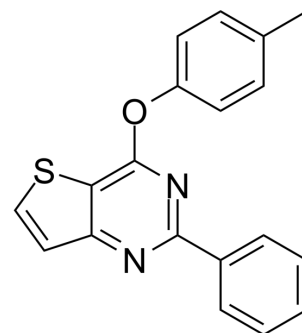


EP4 receptor agonist 1

Cat. No.:	HY-150068
CAS No.:	691869-12-2
Molecular Formula:	C ₁₉ H ₁₄ N ₂ OS
Molecular Weight:	318.39
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	EP4 receptor agonist 1 (compound 11) is an EP4 receptor agonist with the human pEC ₅₀ value of 6.3 ^[1] .	
IC ₅₀ & Target	hEP4 6.3 (pEC ₅₀)	
In Vitro	<p>EP4 receptor agonist 1 (24 h) treatment shows agonism in HEK293 cells stably transfected with hEP4^[1]. EP4 receptor agonist 1 (30 min) treatment shows agonism (pEC₅₀<5) and antagonism (pIC₅₀<5)^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>	
	Cell Viability Assay ^[1]	
	Cell Line:	HEK293 cells
	Concentration:	
	Incubation Time:	24 hours
	Result:	Exhibited the human pEC ₅₀ value of 6.3.

REFERENCES

[1]. Joannes Theodorus Maria Linders, et al. Bicyclic derivatives as ep4 agonists. WO2008092860A1

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

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