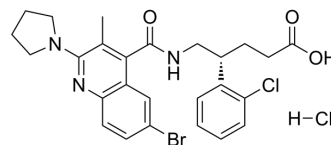


BAY-6672 hydrochloride

Cat. No.:	HY-142658A
CAS No.:	2247520-31-4
Molecular Formula:	C ₂₆ H ₂₈ BrCl ₂ N ₃ O ₃
Molecular Weight:	581.33
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	4°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (172.02 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.7202 mL	8.6010 mL	17.2019 mL
5 mM	0.3440 mL	1.7202 mL	3.4404 mL
10 mM	0.1720 mL	0.8601 mL	1.7202 mL

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

BIOLOGICAL ACTIVITY

Description

BAY-6672 hydrochloride is a potent and selective human Prostaglandin F (FP) receptor antagonist with an IC₅₀ value of 11 nM.

IC₅₀ & Target

FP

REFERENCES

[1]. Beck H, et al. Potent and Selective Human Prostaglandin F (FP) Receptor Antagonist (BAY-6672) for the Treatment of Idiopathic Pulmonary Fibrosis (IPF). J Med Chem. 2020 Oct 22;63(20):11639-11662.

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

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