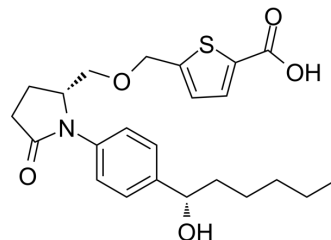


AGN 210676

Cat. No.:	HY-14898
CAS No.:	910562-15-1
Molecular Formula:	C ₂₃ H ₂₉ NO ₅ S
Molecular Weight:	431.55
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AGN 210676 is a selective prostaglandin EP ₂ agonist extracted from patent US20070203222A1, Compound example 23, has an EC ₅₀ of 5 nM.		
IC₅₀ & Target	EP2 5 nM (EC50)	hEP3 153 nM (EC50)	hDP receptor 7749 nM (EC50)
In Vitro	AGN 210676 (Compound 23) also is a less potent agonist for recombinant human prostaglandin receptors hEP ₃ A and hDP with EC ₅₀ s of 153 nM and 7749 nM, respectively. AGN 210676 is useful for the treatment of glaucoma, ocular hypertension, inflammatory bowel disease, and the other diseases or conditions disclosed herein ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.		

REFERENCES

[1]. Old, David W, et al. SUBSTITUTED GAMMA LACTAMS AS THERAPEUTIC AGENTS. US20070203222A1.

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

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