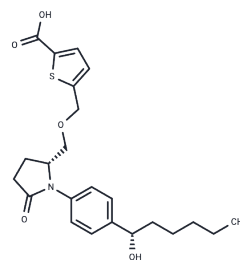


AGN 210676

Chemical Properties

CAS No. : 910562-15-1
 Formula: C₂₃H₂₉N₂O₅
 Molecular Weight: 431.55
 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	AGN 210676 is a selective agonist of prostaglandin EP2 (EC ₅₀ : 5 nM).
Targets(IC ₅₀)	Prostaglandin Receptor
In vitro	AGN 210676 is useful for the treatment of glaucoma, ocular hypertension, inflammatory bowel disease, and the other diseases or conditions disclosed herein[1]. AGN 210676 (Compound 23) also is a less potent agonist for recombinant human prostaglandin receptors hEP3A and hDP with EC ₅₀ s of 153 nM and 7749 nM, respectively.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3172 mL	11.5861 mL	23.1723 mL
5 mM	0.4634 mL	2.3172 mL	4.6345 mL
10 mM	0.2317 mL	1.1586 mL	2.3172 mL
50 mM	0.0463 mL	0.2317 mL	0.4634 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.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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