
Product Data Sheet

Product Name: AGN 210676 (Simenepag)

Cat. No.: GC31972

Chemical Properties

Cas. No. 910562-15-1

SMILES O=C(C1=CC=C(COC[C@@H](CC2)N(C3=CC=C([C@@H](O)CCCC)C=C3)C2=O)S1)OFormula C₂₃H₂₉NO₅S M.Wt 431.55

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

AGN 210676 is a selective prostaglandin EP2 agonist extracted from patent US20070203222A1, Compound example 23, has an EC50 of 5 nM.

AGN 210676 (Compound 23) also is a less potent agonist for recombinant human prostaglandin receptors hEP3A and hDP with EC50s 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].

[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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