

Product Data Sheet

Product Name: AMG 853

Cat. No.: GC50240

Chemical Properties

Cas. No. 1169483-24-2

SMILES C1C=CC(C2CC2)=CC=C1S(NC3=CC(C(NC(C)(C)C)=O)=CC=C3OC4=C(Cl)C=C(CC(O)=O)C(F)=C4)(=O)=O

Formula C₂₈H₂₇Cl₂FN₂O₆S

M.Wt 609.49

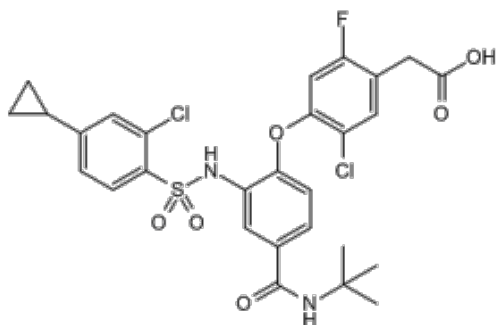
Solubility Soluble in DMSO

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

Potent prostaglandin D₂ (PGD₂, CRTH₂) receptor antagonist (IC₅₀ values are 8 and 35 nM, respectively in plasma). Inhibits PGD₂-induced down modulation of CRTH₂ on CD16⁺ granulocytes in human whole blood as well as PGD₂-induced cAMP response in platelets. Inhibits PGD₂-induced airway constriction in vivo. Orally bioavailable.

Liu et al (2011) Discovery of AMG 853, a CRTH₂ and DP dual antagonist. ACS Med.Chem.Lett. 2 326 PMID:24900313

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

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