
Product Data Sheet

Product Name: SCH 336
Cat. No.: GC50271

Chemical Properties

Cas. No. 447459-51-0

SMILES CS(N[C@@H](C)C1=CC=C(S(C2=C(S(=O)(C3=CC=C(OC)C=C3)=O)C=C(OC)C=C2))(=O)=O)C=C1)(=O)=O

Formula C₂₃H₂₅NO₈S₃ M.Wt 539.64

Solubility DMSO : 100 mg/mL (185.31 mM; Need ultrasonic) 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

Highly potent and selective CB2 receptor inverse agonist (K_i = 1.8 nM, EC₅₀ = 2 nM). Displays 100-fold selectivity for CB2 receptors over CB1. Increases forskolin stimulated cAMP accumulation in CHO cells expressing human CB2 receptors. Inhibits leukocyte migration in a murine model of delayed-type hypersensitivity and inhibits antigen-induced lung eosinophilia in a mouse allergy model.

Lunn et al (2006) A novel cannabinoid peripheral cannabinoid receptor-selective inverse agonist blocks leukocyte recruitment in vivo. J.Pharmacol.Exp.Ther. 316 780
PMID:16258021

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

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