
Product Data Sheet

Product Name: RWJ 63556

Cat. No.: GC31813

Chemical Properties

Cas. No. 190967-35-2

SMILES CS(=O)(NC1=CC=C(OC2=CC=C(F)C=C2)S1)=OFormula C₁₁H₁₀FNO₃S₂

M.Wt 287.33

Solubility DMSO : 100 mg/mL (348.03 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**

RWJ 63556 is an orally active COX-2 selective/5-lipoxygenase inhibitor, with anti-inflammatory activities.

RWJ 63556 is a potent inhibitor of leukocyte influx over a period of 24 hr and maintains its in vitro profile on eicosanoids[1].

RWJ 63556 (1 mg/kg, i.v.) significantly inhibits the development of SP-induced oedema[2].

[1]. Kirchner T, et al. Evaluation of the antiinflammatory activity of a dual cyclooxygenase-2 selective/5-lipoxygenase inhibitor, RWJ 63556, in a canine model of inflammation. J Pharmacol Exp Ther. 1997 Aug;282(2):1094-101. [2]. Le Filliatre G, et al. Cyclo-oxygenase and lipoxygenase pathways in mast cell dependent-neurogenic inflammation induced by electrical stimulation of the rat saphenous nerve. Br J Pharmacol. 2001 Apr;132(7):1581-9.

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

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