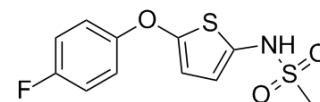


RWJ 63556

Cat. No.:	HY-U00022
CAS No.:	190967-35-2
Molecular Formula:	C ₁₁ H ₁₀ FNO ₃ S ₂
Molecular Weight:	287.33
Target:	COX; Lipoxygenase
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	RWJ 63556 is an orally active COX-2 selective/5-lipoxygenase inhibitor, with anti-inflammatory activities.	
IC ₅₀ & Target	COX-2	5-Lipoxygenase
In Vitro	RWJ 63556 is a potent inhibitor of leukocyte influx over a period of 24 hr and maintains its in vitro profile on eicosanoids ^[1] .	
In Vivo	RWJ 63556 (1 mg/kg, i.v.) significantly inhibits the development of SP-induced oedema ^[2] .	

REFERENCES

- [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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA