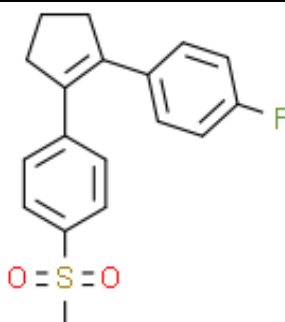


Product Data Sheet

Cas No.:	158959-32-1	Cat. No:	PL06120
Product Name:	SC57666		
Product synonym:	-		
Chemical name:	SC57666		
MF:	C18H17FO2S	FW:	316.38978
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O=S(C1=CC=C(C2=C(C3=CC=C(F)C=C3)CCC2)C=C1)(C)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

SC57666是选择性的 COX2 抑制剂，IC₅₀ 值为26 nM。

生物活性	SC57666 is a selective COX2 inhibitor with an IC ₅₀ of 26 nM.
IC ₅₀ & Target[1][2]	COX-2 26 nM (IC ₅₀)
体外研究(In Vitro)	SC57666 inhibits COX2 with an IC ₅₀ of 3.2±0.8 nM in CHO cells stably transfected with human COX isozymes, with 1000 fold or more selectivity over COX1 (IC ₅₀ =6000±1900 nM). has not independently confirmed the accuracy of these methods. They are for reference only.
体内研究(In Vivo)	SC57666 has been shown to be orally active (ED ₅₀ =1.7 mpk) in the adjuvant-induced arthritis model. No gastric lesions are observed in mice after 5 h when SC57666 is administered intragastrically at 600 mpk. No intestinal damage is observed in rats after 72 h when SC57666 is administered intragastrically at 200 mpk. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Powder -20°C 3 years; 4°C 2 years

溶解度数据	In Vitro: DMSO : ≥ 100 mg/mL (316.07 mM)配制储备液
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