

Product Name : Tilmacoxib

Synonyms : JTE-522; RWJ57504

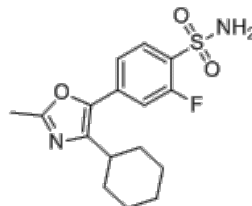
Cat No. : M12748

CAS Number : 180200-68-4

Molecular Formula : C₁₆H₁₉FN₂O₃S

Formula Weight : 338.40

Chemical Name : 4-(4-cyclohexyl-2-methyl-1,3-oxazol-5-yl)-2-fluorobenzenesulfonamide



Description : Tilmacoxib (JTE-522) is a potent, selective inhibitor of cyclooxygenase-2 (COX-2) that inhibits human recombinant COX-2 with IC₅₀ of 85 nM, displays no activity against COX-1 (IC₅₀>100 uM); significantly inhibits fibrosis, also inhibits growth of pulmonary metastases of colorectal cancer in rats. Rheumatoid Arthritis Phase 2 Discontinued

Pathway : Chromatin/Epigenetic

Target : COX

Receptor : COX

Solubility : —

SMILES : O=S(C1=CC=C(C2=C(C3CCCCC3)N=C(C)O2)C=C1F)(N)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Wakitani K, et al. Jpn J Pharmacol. 1998 Nov;78(3):365-71. | 2. Kobayashi H, et al. BMC Cancer. 2005 Mar 3;5:26. | 3. Yamamoto H, et al. Gastroenterology. 2003 Aug;125(2):556-71.