

Product Name : SC-236

Synonyms : SC236;SC58236

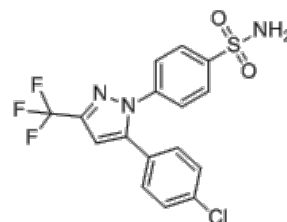
Cat No. : M12605

CAS Number : 170569-86-5

Molecular Formula : C₁₆H₁₁ClF₃N₃O₂S

Formula Weight : 401.80

Chemical Name : 4-[5-(4-chlorophenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]-benzenesulfonamide



Description : SC-236 (SC58236) is a potent, selective, orally active inhibitor of COX-2 with IC₅₀ of 10 nM; displays >1,700-fold selectivity over COX-1 (IC₅₀=17.8 uM); exhibits anti-inflammatory properties and potent antimetastatic activity both in vitro and in vivo.

Pathway : Chromatin/Epigenetic

Target : COX

Receptor : COX

Solubility : —

SMILES : O=S(C1=CC=C(N2N=C(C(F)(F)F)C=C2C3=CC=C(Cl)C=C3)C=C1)(N)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Penning TD, et al. J Med Chem. 1997 Apr 25;40(9):1347-65. | 2. Lee A, et al. Cancer Res. 2006 Apr 15;66(8):4378-84. | 3. Roche-Nagle G, et al. Br J Cancer. 2004 Jul 19;91(2):359-65.