

Product Name : Celecoxib

Synonyms : SC-58635; YM-177

Cat No. : M12585

CAS Number : 169590-42-5

Molecular Formula : C₁₇H₁₄F₃N₃O₂S

Formula Weight : 381.37

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

Description

Celecoxib is a non-steroidal anti-inflammatory drug (NSAID) used in the treatment of osteoarthritis, rheumatoid arthritis, acute pain, painful menstruation and menstrual symptoms, and to reduce numbers of colon and rectum polyps in patients with familial adenomatous polyposis. It is marketed by Pfizer under the brand name Celebrex. In some countries, it is branded Celebra. Celecoxib is available by prescription in capsule form.

Pathway : Chromatin/Epigenetic

Target : COX

Receptor : COX-2

Solubility : Ethanol: 33 mg/mL (86.53 mM); DMSO: 76 mg/mL (199.28 mM)

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

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

I.Sigthorsson G, et al. Gastroenterology. 2002 Jun; 122(7):1913-23.

