

Celecoxib

产品编号: D51337

CAS: 169590-42-5

分子式: C₁₇H₁₄F₃N₃O₂S

纯度: ≥98%

InChi: InChi=1S/C₁₇H₁₄F₃N₃O₂S/c1-11-2-4-12(5-3-11)15-10-16(17(18,19)20)22-23(15)13-6-8-14(9-7-13)26(21,24)25/h2-10H,1H3,(H2,21,24,25)

InChi Key: RZEKVGVFLEQIL-UHFFFAOYSA-N

Smiles: CC1C=CC(=CC=1)C1=CC(=NN1C1C=CC(=CC=1)S(N)(=O)=O)C(F)(F)F

外观: 固体粉末

作用通路: COX

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: Celecoxib, also known as SC-58635 and YM-177, is a COX-2 selective nonsteroidal anti-inflammatory drug (NSAID). It is used to treat the pain and inflammation of osteoarthritis, rheumatoid arthritis, ankylosing spondylitis, acute pain in adults, painful menstruation, and juvenile rheumatoid arthritis in people two years or older.

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分子式: C₁₇H₁₄F₃N₃O₂S

分子量: 381.37

MDL: MFCD00941298

纯度: ≥99%(HPLC)

熔点: 156-157°C

沸点: 529°C at 760 mmHg

外观: 白色粉末

溶解性: 溶于DMSO, 甲醇, 乙醇

敏感性: 对热, 光敏感

作用靶点: COX;

作用通路: Immunology/Inflammation;

产品描述: 塞来昔布 (Celecoxib) 是一种选择性的 COX-2 抑制剂, IC₅₀ 为 40 nM。