

Product Name	: Desmethyl Celecoxib
Synonyms	: —
Cat No.	: M23766
CAS Number	: 170569-87-6
Molecular Formula	: C ₁₆ H ₁₂ F ₃ N ₃ O ₂ S
Formula Weight	: 367.4
Chemical Name	: —
Description	: Desmethyl celecoxib is a selective inhibitor of COX-2 with anti-inflammatory activity (IC ₅₀ of 32 nM). ?with anti-inflammatory activities. Desmethyl Celecoxib is an analog of Celecoxib and with the optimal yield of 75%.
Pathway	: Chromatin/Epigenetic
Target	: COX
Receptor	: COX-2
Solubility	: DMSO:70 mg/mL (191 mM)
SMILES	: <chem>FC(F)(C1=NN(C(C2=CC=CC=C2)=C1)C3=CC=C(C=C3)S(=O)(N)=O)F</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Vinay Kumar Sthalam, et al. An Integrated Continuous Flow Micro-Total Ultrafast Process System (μ-TUFPS) for the Synthesis of Celecoxib and Other Cyclooxygenase Inhibitors. RETURN TO ISSUEPREVARTICLENEXT