

Product Name	: Imrecoxib
Synonyms	: BAP-909
Cat No.	: M24356
CAS Number	: 395683-14-4
Molecular Formula	: C ₂₁ H ₂₃ NO ₃ S
Formula Weight	: 369.5
Chemical Name	: —
Description	: Imrecoxib is a novel and selective cyclooxygenase 2 (COX-2) inhibitor (IC ₅₀ : 18 nM). It also inhibits COX1- activity (IC ₅₀ : 115 nM). Imrecoxib has an anti-inflammatory effect.
Pathway	: Chromatin/Epigenetic
Target	: COX
Receptor	: COX-1; COX-2
Solubility	: DMSO: 90 mg/mL (243.59 mM; Need ultrasonic)
SMILES	: <chem>O=C1N(CCC)CC(C2=CC=C(S(=O)(C)=O)C=C2)=C1C3=CC=C(C)C=C3</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Chen XH, et al. Imrecoxib: a novel and selective cyclooxygenase 2 inhibitor with anti-inflammatory effect. Acta Pharmacol Sin. 2004 Jul;25(7):927-31.