

Indometacin

Catalog No: #S0458

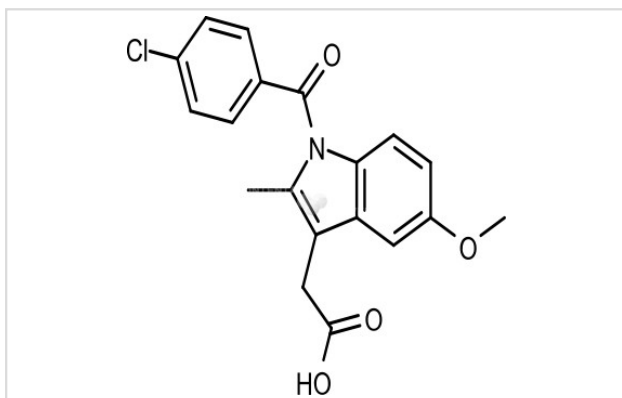
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Description

Product Name	Indometacin
Brief Description	Inhibitors
Purification	99.27%
Target Name	COX inhibitor; PDE antagonist; Phospholipase inhibitor
Calculated MW	357.79
Formulation	C19H16ClNO4
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Nervous system
 SMILES: COC1=CC=C(C=C1)N(C(=O)C1=CC=C(Cl)C=C1)C(C)=C2CC(O)=O
 Pathways: Immunology/Inflammation; Metabolism; Neuroscience
 Receptor: COX-1; COX-1; COX-2; PDE2; PLA2
 Boiling pt: Melting pt: 155-162°C
 Solubility: Ethanol: 24 mg/mL (67.07 mM); DMSO: 72 mg/mL (201.23 mM)
 Appearance: Off-white Color Powder
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

References

1. Mitchell JA, et al. Proc Natl Acad Sci U S A. 1993, 90(24), 11693-11697.

Note: This product is for in vitro research use only