

## Diclofenac sodium

Catalog No: #S1555

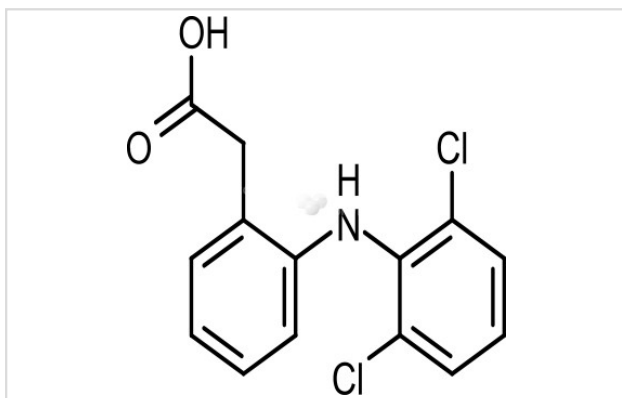
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## Description

Product Name	Diclofenac sodium
Brief Description	Inhibitors
Purification	99.89%
Target Name	COX inhibitor
Calculated MW	318.13
Formulation	C <sub>14</sub> H <sub>10</sub> Cl <sub>2</sub> NNaO <sub>2</sub>
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Nervous system  
SMILES: OC(=O)CC1=CC=CC=C1NC1=C(Cl)C=CC=C1Cl  
Pathways: Immunology/Inflammation;  
Neuroscience  
Receptor: COX-1; COX-2  
Boiling pt: Melting pt: 288-290°C  
Solubility: Ethanol: 64 mg/mL (201.17 mM); Water: 14 mg/mL (44.0 mM); DMSO: 64 mg/mL (201.17 mM)  
Appearance: White 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 months.

## References

1. Kirchheiner J, et al. Br J Clin Pharmacol. 2003 Jan;55(1):51-61.

Note: This product is for in vitro research use only