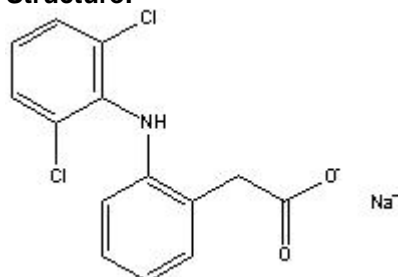


TECHNICAL INFORMATION

Catalog Number: 157660
Diclofenac, Sodium Salt

Structure:



Molecular Formula: C₁₄H₁₀Cl₂NO₂Na

Molecular Weight: 318.1

CAS # 15307-79-6

Synonyms: 2-[(2,6-Dichlorophenyl)amino] benzeneacetic acid monosodium salt; [o-(2,6-dichloroanilino) phenyl]acetic acid sodium salt; Sodium [o-[(2,6-dichlorophenyl) amino] phenyl] acetate; GP-45840

Physical Description: White powder

Solubility: Soluble in water, pH 5.2 (> 9 mg/ml), methanol (> 24 mg/ml), acetone (6 mg/ml), phosphate buffered saline, pH 7.2 (6 mg/ml).

Note: pKa = 4; Partition coefficient (n-octanol/aqueous buffer) 13.4

Description: Cyclooxygenase inhibitor

Reference:

– Merck Index, 12th Ed., No. 3132