

Diclofenac sodium Biochemical

Diclofenac sodium

CATALOG #
AAA201907

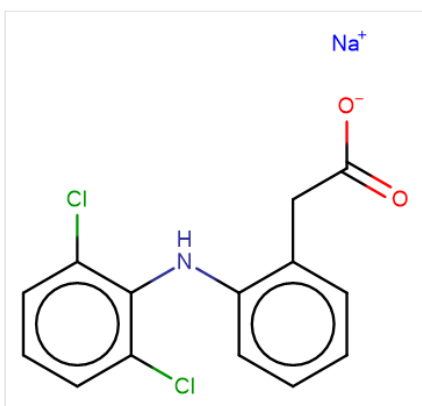
PRODUCT SYNONYMS

Diclofenac sodium; Benfofen; Ecofenac; Voltaren; Diclofenac sodium biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	98% (HPLC); NMR: Consistent with structure
Solubility	Ethanol: 64mg/mL (201.17mM) Water: 14mg/mL (44.0mM) DMSO: 64mg/mL (201.17mM)
Target	COX
Receptor	COX-1; COX-2
Pathway	Chromatin/Epigenetic
Chemical Name	Benzeneacetic acid, 2-((2, 6-dichlorophenyl)amino)-, monosodium salt
SMILES	<chem>c1ccc(c(c1)CC(=O)[O-])Nc2c(cccc2Cl)Cl.[Na+]</chem>
Molecular Formula	C ₁₄ H ₁₀ Cl ₂ NNaO ₂
CAS Number	15307-79-6
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for
Diclofenac sodium biochemical

Diclofenac Sodium is a non-selective COX inhibitor with IC₅₀ of 60 and 220nM for ovine COX-1 and -2, respectively.

Product Categories/Family for Diclofenac sodium biochemical	Chromatin/Epigenetic; Inflammation/Immunology
References	1.Kirchheiner J, et al. Br J Clin Pharmacol. 2003 Jan; 55 (1):51-6

NCBI AND UNIPROT INFORMATION

Molecular Weight	318.13
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/diclofenac-sodium/201907>