

Dichlorphenamide

ALTERNATE NAME: 4,5-dichloro-1,3-benzenedisulfonamide
Diclofenamide

CATALOG #: B3272-10 10 mg
B3272-50 50 mg

MOLECULAR FORMULA: C₆H₆Cl₂N₂O₄S₂

MOLECULAR WEIGHT: 305.16

CAS NUMBER: 120-97-8

APPEARANCE: Solid

PURITY: ≥98%

SOLUBILITY: >50 mg/ml DMSO

DESCRIPTION: Dichlorphenamide is a potent, orally bioavailable carbonic anhydrase (CA) inhibitor (K_is = 1.20, 38, 50, and 50 nM for the human CA isoforms CAI, CAII, CAIX, and CAXII, respectively). It lowers intraocular pressure in rabbits when 50 µl of a 10% solution is applied topically to the eye. Used in the treatment of glaucoma and primary periodic paralysis.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Carbonic Anhydrase (CA) Inhibitor Screening Kit (Colorimetric) (K473)
Dorzolamide Hydrochloride (B2185)
Indisulam (B2463)
Methazolamide (B3259)

DISCLAIMER: ***FOR RESEARCH USE ONLY! Not to be used on humans.***