

Product Data Sheet

Product Name: Benidipine HCl

Cat. No.: GC13888

Chemical Properties

Cas. No. 91599-74-5

Chemical Name 5-O-[(3R)-1-benzylpiperidin-3-yl] 3-O-methyl (4R)-2,6-dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylate;hydrochloride

SMILES CC1=C(C(C(=C(N1)C)C(=O)OC2CCCN(C2)CC3=CC=CC(=C3)C4=CC(=CC=C4)[N+](=O)[O-])C(=O)OC)C.Cl

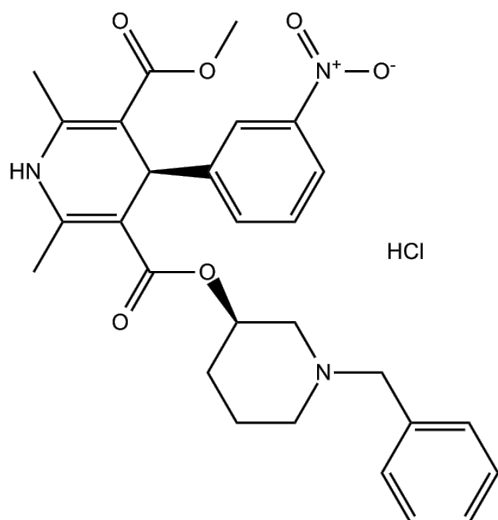
Formula $C_{28}H_{31}N_3O_6 \cdot HCl$ M.Wt 542.02

Solubility $\geq 21.8\text{mg/mL}$ in DMSO with gentle warming Storage Store at -20°C

General tips 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.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Benidipine hydrochloride is a hydrochloride salt form of benidipine which is a dihydropyridine calcium channel protein inhibitor and blocker. It also inhibits aldosterone-induced MRC activation.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA