

Product Data Sheet

Product Name: Metoprolol Succinate

Cat. No.: GC17945

Chemical Properties

Cas. No. 98418-47-4

Chemical Name 1-(isopropylamino)-3-(4-(2-methoxyethyl)phenoxy)propan-2-ol hemisuccinate

SMILES OC(COC(C=C1)=CC=C1CCOC)CNC(C)C.O.C(COC(C=C2)=CC=C2CCOC)CNC(C)C.O.C(CCC(O)=O)=O

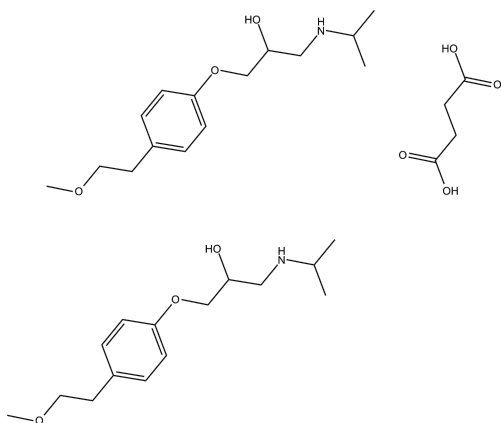
Formula $C_{34}H_{56}N_2O_{10}$ M.Wt 652.82

Solubility $\geq 24.75\text{mg/mL}$ 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

Metoprolol Succinate (Toprol XL) is a selective β_1 receptor blocker used in treatment of several diseases of the cardiovascular system, especially hypertension. IC_{50} value: Target: β_1 receptor

References:

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

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[1]. Benfield P, et al. Metoprolol. An updated review of its pharmacodynamic and pharmacokinetic properties, and therapeutic efficacy, in hypertension, ischaemic heart disease and related cardiovascular disorders. *Drugs*. 1986 May;31(5):376-429.

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