
Product Data Sheet

Product Name: Terazosin hydrochloride

Cat. No.: GC50017

Chemical Properties

Cas. No. 63074-08-8

SMILES Cl.COC1=C(OC)C=C2C(N)=NC(=NC2=C1)N1CCN(CC1)C(=O)C1CCCCO1Formula $C_{19}H_{25}N_5O_4 \cdot HCl$ M.Wt 423.9

Solubility DMSO: 0.1 mg/ml 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**

α 1- and α 2B-adrenoceptor antagonist (Ki values are 3.3, 0.7, 1.1, 7.7, 1510 and 78.2 nM for α 1A, α 1B, α 1D, α 2B, α 2A and α 2C receptors respectively). Antihypertensive following oral or intravenous administration in vivo.

Kyncl (1986) Pharmacology of tera. Am.J.Med. 80 12 PMID:2872801 | Hancock et al (1995) Actions of tera. and its enantiomers at subtypes of α 1- and α 2-adrenoceptors in vitro. J.Recept.Signal Transduct.Res. 15 863 PMID:8673721 | Maruyama et al (1994) Comparison of displacement potencies of tera. enantiomers for α 1-adrenoceptor subtypes. Biol.Pharm.Bull. 17 1126 PMID:7820122

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

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