

Product Name : Dexrazoxane hydrochloride

Synonyms : ICRF-187 hydrochloride

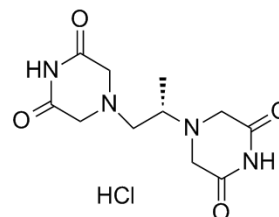
Cat No. : M12061

CAS Number : 149003-01-0

Molecular Formula : C₁₁H₁₇ClN₄O₄

Formula Weight : 304.73

Chemical Name : 1,3-Piperazinedione, 4,4'-[(1S)-1-methyl-1,2-ethanediyl]bis-, hydrochloride (1:)



Description : A derivative of EDTA that chelates iron and reduces the number of metal ions complexed with anthracycline and, consequently, decrease the formation of superoxide radicals; protects the heart against the cardiotoxic side effects of chemotherapeutic drugs. Chemotherapeutic Agents Approved

Pathway : Others

Target : Other Targets

Receptor : Others

Solubility : 10 mM in DMSO

SMILES : O=C(CN(C[C@@H](N1CC(NC(C1)=O)=O)C)C2)NC2=O.[H]Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Lipshultz SE, et al. N Engl J Med. 2004 Jul 8;351(2):145-53. 2. Bjelogrić SK, et al. Exp Biol Med (Maywood). 2007 Dec;232(11):1414-24. 3. Jones RL, et al. Expert Rev Cardiovasc Ther. 2008 Nov;6(10):1311-7.