

Product Name : Dexrazoxane
Synonyms : ICRF-187; NSC-169780

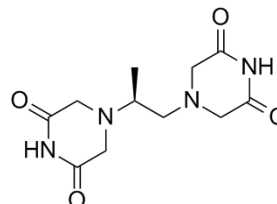
Cat No. : M13714

CAS Number : 24584-09-6

Molecular Formula : C₁₁H₁₆N₄O₄

Formula Weight : 268.27

Chemical Name : 2,6-Piperazinedione, 4,4'-[(1S)-1-methyl-1,2-ethanediyl]bis-



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 : Other Targets

Solubility : 10 mM in DMSO

SMILES : C[C@H](N(C1CC(=O)NC1=O)CC(=O)NC2CC(=O)NC2=O)=O

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.