

Dexrazoxane

Catalog No: tcsc2769



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

24584-09-6

Formula:

$C_{11}H_{16}N_4O_4$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

ICRF187;NSC169780

Observed Molecular Weight:

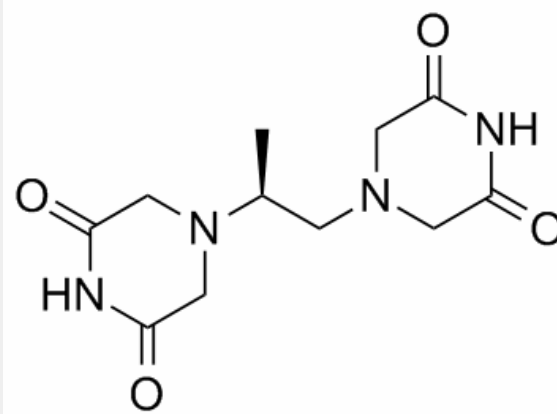
268.27

Product Description

Dexrazoxane(ICRF187) is a cardioprotective agent.

Target: Others

Dexrazoxane is a cardioprotective agent. Dexrazoxane is a derivative of EDTA, dexrazoxane chelates iron and thus reduces the number of metal ions complexed with anthracycline and, consequently, decrease the formation of superoxide radicals. The exact chelation mechanism is unknown, but it has been postulated that dexrazoxane can be converted into ring-opened form intracellularly and interfere with iron-mediated free radical generation that is in part thought to be responsible for anthracycline induced cardiomyopathy. It was speculated that dexrazoxane could be used for further investigation to synthesize new antimalarial drugs [1, 2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!