LKT Laboratories, Inc.

Dexrazoxane Hydrochloride

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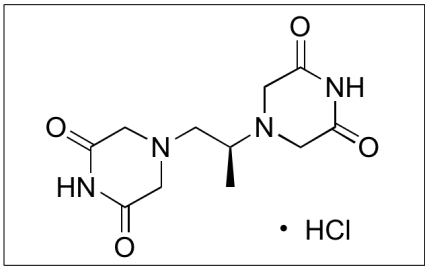
Product Information

Product ID D1995
CAS No. 149003-01-0
Chemical Name

Synonym

Formula $C_{11}H_{16}N_4O_4 \cdot HCl$
Formula Wt. 304.73
Melting Point 191-197°C
Purity ≥98%
Solubility Sparingly soluble in water and 0.1 N HCl, slightly soluble in ethanol and methanol, and practically insoluble in nonpolar organic solvents.



Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
D1995	5 mg	$78.80
D1995	25 mg	$225.80
D1995	100 mg	$614.30

Store Temp Ambient
Ship Temp Ambient

Description Dexrazoxane is an iron chelator that exhibits cardioprotective, antioxidative, pro-angiogenic, and anti-parasitic activities. Dexrazoxane decreases superoxide formation and prevents anthracycline-induced cardiotoxicity. In animal models of myocardial infarction, dexrazoxane decreases infarct size, increases capillary density, and improves cardiac function. Additionally, this compound displays antimalarial benefit, inhibiting growth of *Plasmodium*.

References

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Zhou L, Sung RY, Li K, et al. Cardioprotective effect of dexrazoxane in a rat model of myocardial infarction: anti-apoptosis and promoting angiogenesis. Int J Cardiol. 2011 Oct 20;152(2):196-201. PMID: 20692056.

Jones RL. Utility of dexrazoxane for the reduction of anthracycline-induced cardiotoxicity. Expert Rev Cardiovasc Ther. 2008 Nov;6(10):1311-7. PMID: 19018683.

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