

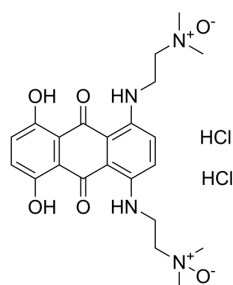
## Banoxantrone (dihydrochloride)

Cat. No.: HY-13562A  
 CAS No.: 252979-56-9  
 Batch No.: 261260  
 Chemical Name: 9,10-Anthracenedione, 1,4-bis[[2-(dimethyloxidoamino)ethyl]amino]-5,8-dihydroxy-, hydrochloride (1:2)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{22}H_{30}Cl_2N_4O_6$   
 Molecular Weight: 517.40  
 Storage: -20°C, protect from light, stored under nitrogen  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:



### ANALYTICAL DATA

Appearance: Blue to dark blue (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.67%  
 Conclusion: The product has been tested and complies with the given specifications.

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

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