

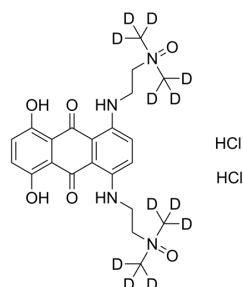
## Banoxantrone-d<sub>12</sub> (dihydrochloride)

Cat. No.: HY-13562AS  
 CAS No.: 1562066-98-1  
 Batch No.: 28074  
 Chemical Name: 9,10-Anthracenedione, 1,4-bis[[2-[di(methyl-d<sub>3</sub>)oxidoamino]ethyl]amino]-5,8-dihydroxy-, hydrochloride (1:2)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>22</sub>H<sub>18</sub>D<sub>12</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>6</sub>  
 Molecular Weight: 529.48  
 Storage: 4°C, sealed storage, away from moisture  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to blue (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 Purity (HPLC): 95.03%  
 Isotopic Enrichment: 99.92%  
 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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