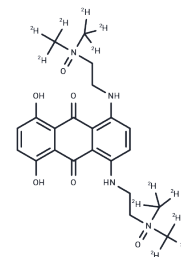


## Banoxantrone-D12

## Chemical Properties

CAS No. :	1562067-05-3
Formula:	C <sub>22</sub> H <sub>28</sub> N <sub>4</sub> O <sub>6</sub>
Molecular Weight:	456.55
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Banoxantrone-D12 is the deuterium-labeled form of Banoxantrone(T70860), a bio-reductive agent that can be metabolically converted to AQ4, a stable compound with DNA affinity and topoisomerase II inhibition properties.
Targets(IC50)	Topoisomerase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1903 mL	10.9517 mL	21.9034 mL
5 mM	0.4381 mL	2.1903 mL	4.3807 mL
10 mM	0.219 mL	1.0952 mL	2.1903 mL
50 mM	0.0438 mL	0.219 mL	0.4381 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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