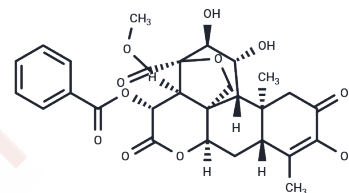


## Bruceantarin

## Chemical Properties

CAS No. :	41451-76-7
Formula:	C <sub>28</sub> H <sub>30</sub> O <sub>11</sub>
Molecular Weight:	542.53
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	Bruceantarin, a potent antineoplastic agent, is utilized in leukemia and breast cancer research [1] [2].
In vitro	Bruceantarin exhibits potent antineoplastic activity against MCF-7 and MDA-MB-231 cells, demonstrating IC50 values of 0.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8432 mL	9.2161 mL	18.4322 mL
5 mM	0.3686 mL	1.8432 mL	3.6864 mL
10 mM	0.1843 mL	0.9216 mL	1.8432 mL
50 mM	0.0369 mL	0.1843 mL	0.3686 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**

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