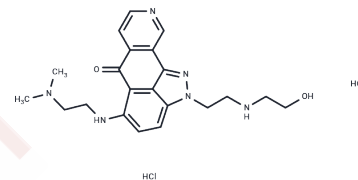


## Topixantrone 2HCl

### Chemical Properties

CAS No. :	2514569-86-7
Formula:	C <sub>21</sub> H <sub>28</sub> Cl <sub>2</sub> N <sub>6</sub> O <sub>2</sub>
Molecular Weight:	467.39
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	Topixantrone 2HCl is a DNA topoisomerase inhibitor with antitumor activity for the study of gastric and prostate cancer.
Targets(IC50)	Antibiotic, Topoisomerase

### Solubility Information

Solubility	DMSO: 2.34 mg/mL (5.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1395 mL	10.6977 mL	21.3954 mL
5 mM	0.4279 mL	2.1395 mL	4.2791 mL
10 mM	0.214 mL	1.0698 mL	2.1395 mL
50 mM	0.0428 mL	0.214 mL	0.4279 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.

### Reference

Pasternak A. Complete response to pixantrone as a salvage therapy in a relapsed/refractory diffuse large B-cell lymphoma. *OncoReview*. 2020;10(2): 62-68.

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