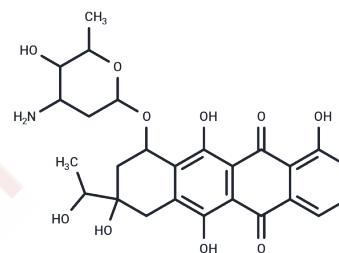


## Dihydrocarminomycin

## Chemical Properties

CAS No. :	62182-86-9
Formula:	C <sub>26</sub> H <sub>29</sub> N <sub>1</sub> O <sub>10</sub>
Molecular Weight:	515.515
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	Dihydrocarminomycin is an anthracycline antibiotics.
Targets(IC50)	Others,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9398 mL	9.6989 mL	19.3979 mL
5 mM	0.388 mL	1.9398 mL	3.8796 mL
10 mM	0.194 mL	0.9699 mL	1.9398 mL
50 mM	0.0388 mL	0.194 mL	0.388 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

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- Povarov LS, Shorin VA, Bazhanov VS, Shepelevtseva NG. [Preparation of dihydrocarminomycin and a comparison of its antitumor activity with the activity of carminomycin]. Antibiotiki. 1976 Nov;21(11):1008-11. Russian. PubMed PMID: 1037188.
- Nakagawa M, Hayakawa Y, Kawai H, Imamura K, Inoue H, Shimazu A, Seto H, Otake N. A new anthracycline antibiotic N-formyl-13-dihydrocarminomycin. J Antibiot (Tokyo). 1983 Apr;36(4):457-8. PubMed PMID: 6574126.
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