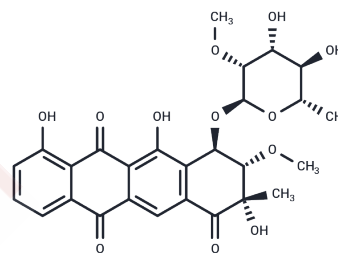


## Aranciamycin

## Chemical Properties

CAS No. :	72389-06-1
Formula:	C <sub>27</sub> H <sub>28</sub> O <sub>12</sub>
Molecular Weight:	544.5
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	Aranciamycin (Compound 1), an anthracycline antibiotic, exhibits collagenase inhibitory activity (IC <sub>50</sub> 3.7*10 <sup>-7</sup> M) and can inhibit DNA synthesis in tumor cells [1].
Targets(IC50)	Others,Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8365 mL	9.1827 mL	18.3655 mL
5 mM	0.3673 mL	1.8365 mL	3.6731 mL
10 mM	0.1837 mL	0.9183 mL	1.8365 mL
50 mM	0.0367 mL	0.1837 mL	0.3673 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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