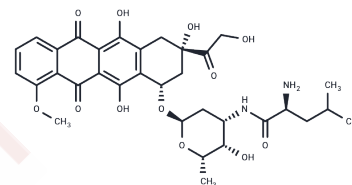


## Leurubicin

## Chemical Properties

CAS No. :	70774-25-3
Formula:	C <sub>33</sub> H <sub>40</sub> N <sub>2</sub> O <sub>12</sub>
Molecular Weight:	656.68
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	Leurubicin (N-Leucyldoxorubicin) is a potential Top II inhibitor for the study of bacterial infections.
Targets(IC50)	Antibacterial, Topoisomerase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5228 mL	7.6141 mL	15.2281 mL
5 mM	0.3046 mL	1.5228 mL	3.0456 mL
10 mM	0.1523 mL	0.7614 mL	1.5228 mL
50 mM	0.0305 mL	0.1523 mL	0.3046 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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- Boulin M, et al. Idarubicin-loaded beads for chemoembolisation of hepatocellular carcinoma: results of the IDASPHERE phase I trial. *Aliment Pharmacol Ther*. 2014 Jun;39(11):1301-13.

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