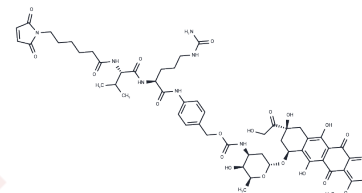


Doxorubicin-MVCP

Chemical Properties

CAS No. :	T31567
Formula:	C ₅₆ H ₆₇ N ₇ O ₁₉
Molecular Weight:	1142.18
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Doxorubicin-MVCP (MC-Val-Cit-PAB-Doxorubicin) is a Doxorubicin derivative with an MC-Val-Cit-PAB linker.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8755 mL	4.3776 mL	8.7552 mL
5 mM	0.1751 mL	0.8755 mL	1.751 mL
10 mM	0.0876 mL	0.4378 mL	0.8755 mL
50 mM	0.0175 mL	0.0876 mL	0.1751 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.

Reference

Chung SW, Lee BS, Choi Ju, Kim SW, Kim IS, Kim SY, Byun Y. Optimization of a Stable Linker Involved DEVD Peptide-Doxorubicin Conjugate That Is Activated upon Radiation-Induced Caspase-3-Mediated Apoptosis. J Med Chem.

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