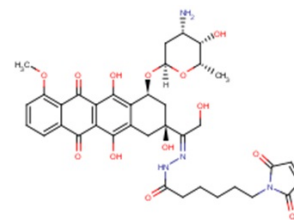


MC-DOXHZN

Chemical Properties

CAS No.: 151038-96-9
Formula: C₃₇H₄₂N₄O₁₃
Molecular Weight: 750.75
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Mc-doxhzn is a protein-binding prodrug of DOXUbin (DNA topoisomerase II inhibitor) with acid sensitivity.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.332 mL	6.66 mL	13.32 mL
5 mM	0.266 mL	1.332 mL	2.664 mL
10 mM	0.133 mL	0.666 mL	1.332 mL
50 mM	0.027 mL	0.133 mL	0.266 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Sevim Rollas, et al. Hydrazone, Amide, Carbamate, Macromolecular and Other Prodrugs of Doxorubicin. The Open Drug Delivery Journal, 2008, 2, 77-85.

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