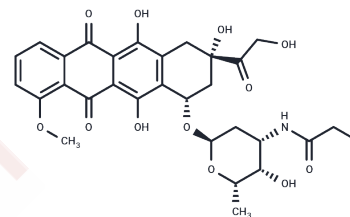


N-(Iodoacetamido)-Doxorubicin

Chemical Properties

CAS No. :	114390-30-6
Formula:	C ₂₉ H ₃₀ INO ₁₂
Molecular Weight:	711.45
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N-(Iodoacetamido)-Doxorubicin is an ADC linker employed in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4056 mL	7.0279 mL	14.0558 mL
5 mM	0.2811 mL	1.4056 mL	2.8112 mL
10 mM	0.1406 mL	0.7028 mL	1.4056 mL
50 mM	0.0281 mL	0.1406 mL	0.2811 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481