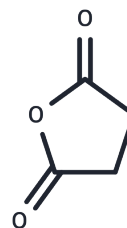


Succinic anhydride

Chemical Properties

CAS No. :	108-30-5
Formula:	C ₄ H ₄ O ₃
Molecular Weight:	100.07
Storage:	Keep away from moisture 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	Succinic anhydride is a cyclic anhydride. Succinic anhydride acts as a noncleavable ADC linker. Succinic anhydride can react with compound 4 to link the prodrug to an amine or hydroxy 1 group of a targeting polypeptide.
Targets(IC50)	ADC Linker

Solubility Information

Solubility	DMSO: 100 mg/mL (999.3 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (39.97 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.993 mL	49.965 mL	99.930 mL
5 mM	1.9986 mL	9.993 mL	19.986 mL
10 mM	0.9993 mL	4.9965 mL	9.993 mL
50 mM	0.1999 mL	0.9993 mL	1.9986 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

Dale Boger.et al. Chimer containing a targeting portion linked to a scission-activated duocarmycin-type prodrug.
WO2009064913A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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