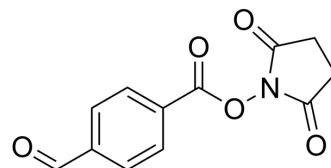


Ald-Ph-NHS ester

Cat. No.:	HY-130107
CAS No.:	60444-78-2
Molecular Formula:	C ₁₂ H ₉ NO ₅
Molecular Weight:	247.2
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (404.53 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	4.0453 mL	20.2265 mL	40.4531 mL
		5 mM	0.8091 mL	4.0453 mL	8.0906 mL
	10 mM	0.4045 mL	2.0227 mL	4.0453 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (10.11 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (10.11 mM); Suspended solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (10.11 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Ald-Ph-NHS ester is a noncleavable linker for antibody-agent-conjugation (ADC).
IC₅₀ & Target	Non-cleavable

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA