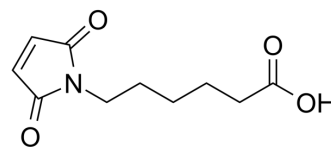


6-Maleimidocaproic acid

Cat. No.:	HY-77959
CAS No.:	55750-53-3
Molecular Formula:	C ₁₀ H ₁₃ NO ₄
Molecular Weight:	211.21
Target:	PROTAC Linkers
Pathway:	PROTAC
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 : 200 mg/mL (946.92 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	4.7346 mL	23.6731 mL	47.3462 mL	
5 mM	0.9469 mL	4.7346 mL	9.4692 mL	
10 mM	0.4735 mL	2.3673 mL	4.7346 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

6-Maleimidocaproic acid is an alkyl chain-based PROTAC linker that can be used in the synthesis of PROTACs^[1].

IC₅₀ & Target

Alkyl-Chain

In Vitro

PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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

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