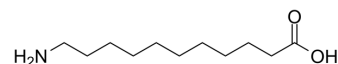


11-Aminoundecanoic acid

Cat. No.:	HY-W014831		
CAS No.:	2432-99-7		
Molecular Formula:	C ₁₁ H ₂₃ NO ₂		
Molecular Weight:	201.31		
Target:	PROTAC Linkers		
Pathway:	PROTAC		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 3.33 mg/mL (16.54 mM; ultrasonic and adjust pH to 2 with HCl)
 H₂O : < 0.1 mg/mL (ultrasonic; adjust pH to 3 with HCl) (insoluble)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.9675 mL	24.8373 mL	49.6746 mL
	5 mM	0.9935 mL	4.9675 mL	9.9349 mL
	10 mM	0.4967 mL	2.4837 mL	4.9675 mL

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

BIOLOGICAL ACTIVITY

Description	11-Aminoundecanoic acid is an alkyl chain based PROTAC linker can be used in the synthesis of PROTACs.
IC ₅₀ & 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]. Pillow TH, et al. Antibody Conjugation of a Chimeric BET Degradator Enables in vivo Activity. ChemMedChem. 2019 Oct 31.

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

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