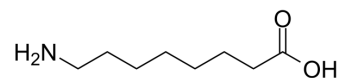


8-Aminooctanoic acid

Cat. No.:	HY-W018678		
CAS No.:	1002-57-9		
Molecular Formula:	C ₈ H ₁₇ NO ₂		
Molecular Weight:	159.23		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (628.02 mM; Need ultrasonic)

DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)

Preparing Stock Solutions	Solvent	1 mg	5 mg	10 mg
	Concentration			
	1 mM	6.2802 mL	31.4011 mL	62.8022 mL
	5 mM	1.2560 mL	6.2802 mL	12.5604 mL
	10 mM	0.6280 mL	3.1401 mL	6.2802 mL

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

BIOLOGICAL ACTIVITY

Description

8-Aminooctanoic acid is an omega-amino fatty acid that is octanoic acid which carries an amino group at position 8. 8-aminooctanoic acid has a role as a human metabolite^[1].

REFERENCES

[1]. Guido Fries. Production of omega-aminoalkanoic acids useful as intermediates e.g. in the synthesis of peptides, comprises hydrolyzing corresponding lactam with aqueous alkali, precipitating with organic solvent and mechanical isolation of the product. DE10148682A1.

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

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