8-Aminooctanoic acid

Cat. No.: HY-W018678

CAS No.: 1002-57-9

Molecular Formula: $C_8H_{17}NO_2$

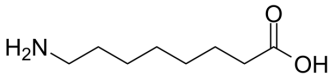
Molecular Weight: 159.23

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

H_2O : 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 / Mass / Concentration	1 mg	5 mg	10 mg
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.

In Vivo

1. Add each solvent one by one: PBS
   Solubility: 100 mg/mL (628.02 mM); Clear solution; Need ultrasonic

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. DE1

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

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