

6-Aminocaproic acid

Catalog No: tcsc2204



Available Sizes

Size: 50mg

Size: 100mg



Specifications

CAS No:

60-32-2

Formula:

$C_6H_{13}NO_2$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

H₂O : ≥ 50 mg/mL (381.18 mM); DMSO :

Alternative Names:

EACA;Epsilon-Amino-n-caproic Acid;6-Aminohexanoic acid

Observed Molecular Weight:

131.17

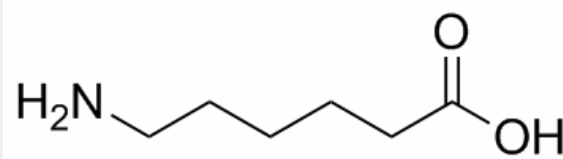
Product Description

6-Aminocaproic acid is an antifibrinolytic agent that acts by inhibiting plasminogen activators which have fibrinolytic properties.

Target: Others

6-aminohexanoic acid is a derivative and analogue of the amino acid lysine, which makes it an effective inhibitor for enzymes that bind that particular residue. Such enzymes include proteolytic enzymes like plasmin, the enzyme responsible for fibrinolysis. Aminocaproic acid is also an intermediate in the polymerization of Nylon-6, where it is formed by ring-opening hydrolysis of caprolactam.

Aminocaproic acid is used to treat excessive postoperative bleeding, especially after procedures in which a great amount of bleeding is expected, such as cardiac surgery. Aminocaproic acid can also be used to treat the overdose and/or toxic effects of the thrombolytic pharmacologic agents tissue plasminogen activator and streptokinase [1, 2].



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