

Specification

6-Aminohexanoic Acid *BioChemica*

A2266

Physical Description:	Solid
Product Code:	A2266
Product Name:	6-Aminohexanoic Acid <i>BioChemica</i>
Short Description:	additional product description: Protease inhibitor
Specifications:	Assay (titr.): min. 99.0 % Loss on drying: max. 0.2 %
WGK:	1
Storage:	RT
Molecular Formula:	C ₆ H ₁₃ NO ₂
M:	131.18 g/mol
CAS:	60-32-2
EINECS:	200-469-3
CS:	29224985
Comment	<p>ε-Aminocaproic acid is a serine protease inhibitor. For the isolation of the bacterial pigment-protein complex from <i>Rhodopseudomonas sphaeroides</i>, ε-aminocaproic acid was employed in a concentration of 5 mM in combination with PMSF and benzamidine (1 mM each; ref. 1). The preparation of plant cell extracts requires working concentrations of 2 - 5 mM (2, 3). ε-Aminocaproic acid (0.5 M) is readily water-soluble and can be dissolved together with benzamidine (0.1 M; working concentration 1 mM) as a 100X stock solution (3).</p>
Bibliography	<p>(1)Broglie, R.M. <i>et al.</i> (1980) <i>Proc. Natl. Acad. Sci. USA</i> 77, 87-91Isolation and characterization of the pigment-protein complexes of <i>Rhodopseudomonas sphaeroides</i> by Lithium dodecyl sulfate/polyacrylamide gel electrophoresis. (2)Wong, J.H. <i>et al.</i> (1987) <i>J. Biol. Chem.</i> 262, 3185-3191A novel type of Phosphofructokinase from plants. (3)Gegenheimer, P. (1990) <i>Methods Enzymol.</i> 182, 174-193Preparation of extracts from plants.</p>

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