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Product Datasheet

Native Crotalus adamanteus L-Amino Acid Oxidase, CAS [[9000-89-9]] CRM-NATE-0366

Artikelname	Native Crotalus adamanteus L-Amino Acid Oxidase, CAS [[9000-89-9]]
Artikelnummer	CRM-NATE-0366
Hersteller Artikelnummer	NATE-0366
Alternativnummer	CRM-NATE-0366-2
Hersteller	Creative BioMart
Kategorie	Biochemikalien
Produktbeschreibung	In enzymology, an L-amino acid oxidase (LAAO) (EC 1.4.3.2) is an enzyme that catalyzes the chemical reaction:an L-amino acid + H ₂ O + O ₂ a 2-oxo acid + NH ₃ + H ₂ O ₂ . The enzyme was first described in 1944 by A. Zeller and A. Maritz. Not only are LAAOs q...
Konzentration	>4 units per mg protein
CAS Nummer	[9000-89-9]
Anwendungsbeschreibung	L-amino acid oxidase (LAAO) is used to convert L-amino acids to their corresponding alpha-keto acids. One unit will oxidatively deaminate 1.0 µmole of L-phenylalanine per min at pH 6.5 at 37 oc. L-amino acid oxidase, from Creative Enzymes, has been used in leucine aminopeptidase (LAP) activity assays. The enzyme has been immobilized and used in an enzymatic flow-injection pr ocedure with chemiluminescence detection for on-site determination of L-alanine