

(5S)-N-(5-Amino-1-carboxypentyl)iminodiacetic Acid

Art. ID TRC-A603250-5G
Unit 5 g
Deliverydetails /not restricted

Description

Category: Amino Acids and Derivatives, Chelating Agents and Ligands, /// Appearance: White to Off-White Solid ///

Application Notes: A nitrilotriacetic acid derivative used as a metal chelating adsorbent for metal ion affinity chromatography. This method can be used for identification and rapid one-step purification of gene products expressed as fusion proteins with an oligo-histidine tag. The oligo-histidine tag serves as a high affinity binding sequence for the purification of fusion proteins via a metal chelating absorbent such as

N-(5-Amino-1-carboxypentyl)iminodiacetic acid. Also soluble in DMSO:DMF 1:1 and DMSO:CH₂Cl₂ 1:2 ///

References: Hochuli, E., et al.: J. Chromatography, 411, 177 (1987), Meredith, G.D., et al.: Bioconjugate Chem., 15, 969 (2004)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	(5S)-N-(5-Amino-1-carboxypentyl)iminodiacetic Acid	[113231-05-3]				