

Amino-PEG2 Acetic Acid

Cat. No. CEGZ-6514

Lot. No. (See product label)

Introduction

Description	Amino-PEG2 Acetic Acid is a 99% pure bifunctional amino-carboxylic acid containing a flexible diethylene glycol spacer.
Applications	Peptide linker synthesis Bioconjugation research Flexible spacer development Protected derivative preparation
Synonyms	AEEA; Amino-PEG2-acetic acid; 8-Amino-3,6-dioxaoctanoic acid

Product Information

Form	Solid
CAS No.	134978-97-5
Molecular Formula	C ₆ H ₁₃ NO ₄
Chemical Name	2-[2-(2-Aminoethoxy)ethoxy]acetic acid
Molecular Weight	163.174
Purity	99%
Structure	Bifunctional amino-ether carboxylic acid with two ethylene glycol units
Composition	2-[2-(2-Aminoethoxy)ethoxy]acetic acid
Function	Flexible amino-carboxyl linker for chemical conjugation
Melting Point	124.0-128.0 °C
Boiling Point	323.8 °C at 760 mmHg
Vapor pressure	5.23 × 10 ⁻⁵ mmHg at 25 °C
Refractive Index	1.466
Density	1.177 g/cm ³
Grade	Research grade
Usage	For laboratory research and chemical synthesis only.