

## 2-(2-(2-Aminoethoxy)ethoxy)acetic acid hydrochloride

## Chemical Properties

CAS No. :	134979-01-4
Formula:	C6H14ClNO4
Molecular Weight:	199.633
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	2-(2-(2-Aminoethoxy)ethoxy)acetic acid hydrochloride (AEEA·HCl) is a hydrophilic linker containing an amino group and a short-chain PEG structure, and exhibits a certain degree of reactivity, and 2-(2-(2-Aminoethoxy)ethoxy)acetic acid hydrochloride (AEEA·HCl) is commonly employed as a short-chain linker unit in PROTAC design to enhance molecular water solubility and increase flexibility, thereby optimizing physicochemical properties and biocompatibility.
Targets(IC50)	PROTAC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0093 mL	25.0463 mL	50.0927 mL
5 mM	1.0019 mL	5.0093 mL	10.0185 mL
10 mM	0.5009 mL	2.5046 mL	5.0093 mL
50 mM	0.1002 mL	0.5009 mL	1.0019 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

National Center for Biotechnology Information (2026). PubChem Patent Summary for CN-117820136-A, Synthesis method of 2-(2-(2-aminoethoxy)ethoxy)acetic acid.

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