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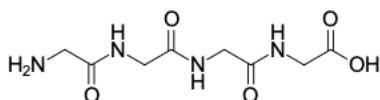
## Tetraglycine hydrochloride

<http://www.lumiprobe.com/p/gly4-hydrochloride>

Tetraglycine, or Gly-Gly-Gly-Gly, is an oligopeptide composed of four glycine monomers. It is used as a bifunctional linker with amino and carboxyl groups .

The terminal amino group can react with activated esters, carbonyl compounds, and carboxylic acids, e.g., in reductive amination reactions.

The terminal carboxyl group can react with primary amino groups in the presence of activators (carbodiimides or HATU), resulting in a stable amide bond.



ClH

### Structure of Tetraglycine hydrochloride

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#### General properties

Appearance: white crystals

Molecular weight: 282.68

CAS number: 38126-71-5, 637-84-3

Molecular formula: C<sub>8</sub>H<sub>15</sub>ClN<sub>4</sub>O<sub>5</sub>

Solubility: DMSO, acetonitrile, methanol

Quality control: NMR <sup>1</sup>H and HPLC-MS (95+%)

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

Legal statement: Product is offered and sold for research purposes only. Product is not tested for safety and efficacy in food, drug, medical device, cosmetic, no express or implied authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, for humans or animals or for commercial purposes.