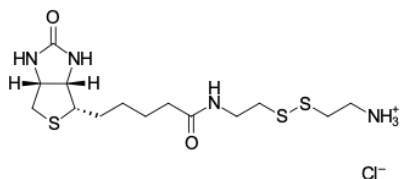

Biotin-cystamine hydrochloride

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

Biotin-cystamine is a biotinylation reagent, which can be cleaved using the disulfide bond reducing agents such as dithiothreitol (DTT), 2-mercaptoethanol (BME) and tris(2-carboxyethyl)phosphine (TCEP).

Biotin-cystamine hydrochloride is a stable reagent form, and it is used for the biomolecules biotinylation via amino group followed by linker cleavage.



Structure of Biotin-cystamine hydrochloride

General properties

Appearance: white solid

Molecular weight: 415.05

Molecular formula: C₁₄H₂₇ClN₄O₂S₃

Solubility: in water, DMSO, DMF

Quality control: NMR ¹H 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: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.