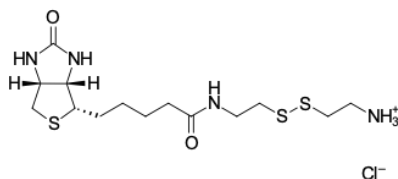


Biotin-cystamine hydrochloride

<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.