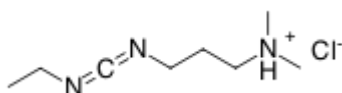

EDC (N-ethyl-N'-(3-dimethylaminopropyl)carbodiimide), coupling grade

<http://www.lumiprobe.com/p/edc-coupling-25952-53-8>

EDC (N-ethyl-N'-(3-dimethylaminopropyl)carbodiimide) carbodiimide reagent for the activation of carboxylic acid and their subsequent coupling with amines. EDC is water soluble and provides a reliable method for activating carboxylic acids in aqueous media.



Structure of EDC carbodiimide

General properties

- Appearance: white solid
- Molecular weight: 191.7
- CAS number: 25952-53-8
- Molecular formula: C₈H₁₈N₃Cl
- IUPAC name: 3-(ethyliminomethylideneamino)-N,N-dimethylpropan-1-amine hydrochloride
- Solubility: good in water, DMF, DMSO
- Quality control: NMR ¹H, HPLC-MS (95%)
- Storage conditions: Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. 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.