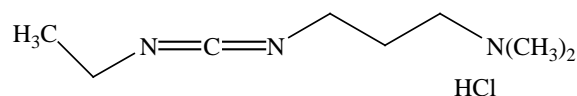


PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: EDC (EDAC; 1-(3-dimethylaminopropyl-3-ethylcarbodiimide, hydrochloride))**CATALOG #:** 59002**MOLECULAR INFORMATION:** C₈H₁₈ClN₃
MW: 191.7
[25952-53-8]**PROPERTIES:**

Color & Form White solid
Purity ≥ 98%
Solubility Soluble in water, DMSO or DMF

STORAGE AND HANDLING: Store desiccated at -20 °C.**APPLICATION:** EDC (or EDAC) has recently been found to be very useful for fixing chelators *in situ*, including the fluorescent ion indicators in this catalog. The fixation of ion indicators makes it useful for post histological studies following the physiological experiments. EDC is also a widely used reagent to activate carboxy groups for amine couplings.Ref: Tymianski, M. et al. *Cell Calcium* **21**(3), 175(1997); *Tetrahedron Lett.* **34**, 7685(1993)**TOXICITY:** Unknown.

FIRST AID:	Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.
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