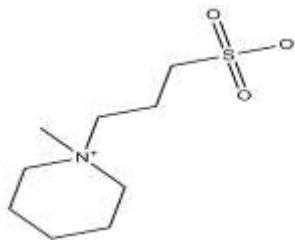


## NDSB-221

**ALTERNATE NAME:** 3-(1-Methylpiperidin-1-ium-1-yl) propane-1-sulfonate

**CATALOG NO.:** 2134-5G 5 g  
2134-25G 25 g

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>9</sub>H<sub>19</sub>NO<sub>3</sub>S

**MOLECULAR WEIGHT:** 221.32

**CAS NUMBER:** 160788-56-7

**APPEARANCE:** White solid

**SOLUBILITY:** Water (~ 100 mg/ml)

**PURITY:** ≥97% by TLC

**STORAGE:** RT. Hygroscopic. Protect from moisture.

**DESCRIPTION:** A non-detergent sulfobetaine (NDSB) that prevents protein aggregation and facilitates the renaturation of chemically and thermally denatured proteins. The non-detergent sulfobetaine is zwitterionic, does not alter significantly the pH or viscosity of biological buffers and can easily be removed by dialysis.

**REFERENCE:** Vuillard, L., *et al.* (1995). *Biochem. J.* **305**, 337-343; Vuillard, L., *et al.* (1995). *Anal. Biochem.* **230**, 290-294.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

- ASB-14 (Cat. No. 1738-5G, 25G)
- CHAPS, High Purity (Cat. No. 1545-10G, 50G, 500G, 1 Kg)
- NDSB-195 (Cat. No. 2131-5G, 25G)
- NDSB-201 (Cat. No. 2132-5G, 25G, 50G)
- NDSB-211 (Cat. No. 2133-1G, 5G, 25G)
- NDSB-221 (Cat. No. 2134-5G, 25G)
- NDSB-256 (Cat. No. 2135-5G, 25G)
- n-Octyl-β-D-glucopyranoside (Cat. No. 1646-5G, 25G, 50G)
- n-Octyl-β-D-thioglucopyranoside (Cat. No. 1782-1G, 5G, 50G, 100G)
- NP-40 (10% Solution in H<sub>2</sub>O) (Cat. No. 2111-100)
- NP-40 Substitute, MegaPure™ Detergent, 10% Solution (2127-50, 100, 500)
- SDS Solution (10% Solution in H<sub>2</sub>O) (Cat. No. 2102-100)
- Sulfobetaine 3-16 (Cat. No. 1777-5G, 25G)
- Triton X-100 (10% Solution in H<sub>2</sub>O) (Cat. No. 2104-100)
- Triton X-100, MegaPure™ Detergent, 10% Solution (Cat. No. 2124-50, 100, 500)
- Tween® 20 (10% Solution in H<sub>2</sub>O) (Cat. No. 2111-100)
- Tween® 20, MegaPure™, Detergent, 10% Solution (Cat. No. 2125-50, 100, 500)
- Tween® 80, MegaPure™, Detergent, 10% Solution (Cat. No. 2126-50, 100, 500)