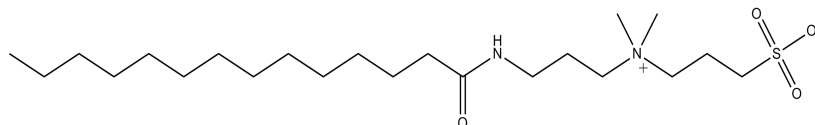


PRODUCT: ASB-14

ALTERNATE NAME: 3-[N,N-Dimethyl(3-myristoylamino)propyl]ammonio]propanesulfonate; Amidosulfobetaine-14

CATALOG #: 1738-5G, 25G

AMOUNT: 5 g, 25 g

STRUCTURE:

MOLECULAR FORMULA: C₂₂H₄₆N₂O₄S

MOLECULAR WEIGHT: 434.68

CAS#: 216667-08-2

APPEARANCE: White to off-white solid

SOLUBILITY: H₂O (>40 mg/ml)

PURITY: ≥97% by TLC

STORAGE: Store at +4°C

DESCRIPTION: A zwitterionic detergent useful for the solubilization of proteins including previously undetected membrane proteins. ASB-14 exhibits better protein solubilization properties than CHAPS. Also useful for solubilizing proteins for 2D-gel electrophoresis.

REFERENCE: Chevillet, M., et al. (1998). *Electrophoresis* **19**, 1901-1909.

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

RELATED PRODUCTS:

CHAPS (**Cat. No. 1545-10G, 50G**)
Octyl-β-D-glucopyranoside (**Cat. No. 1646-5G, 25G, 50G**)
NP-40 (10% Solution in H₂O) (**Cat. No. 2111-100**)
SDS Solution (10% Solution in H₂O) (**Cat. No. 2102-100**)
Triton X-100 (10% Solution in H₂O) (**Cat. No. 2104-100**)
Tween® 20 (10% Solution in H₂O) (**Cat. No. 2111-100**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**