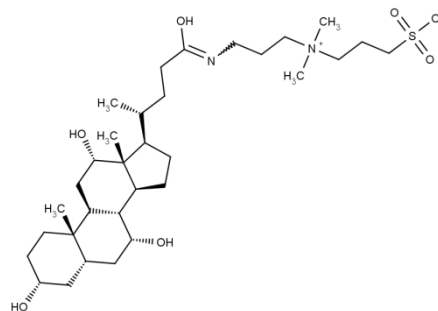




CHAPS, ultra pure

Catalog No: 50058
Lot No: XXXXX
Cas No: 75621-03-3
Formula: C₃₂H₅₈N₂O₇S
MW: 614.89
Supplied as: solid
Stability: store at 4°C



Background

CHAPS (3-[(3-cholamidopropyl)dimethylammonio]-1-propanesulfonate) is a zwitterionic detergent used to solubilize biological macromolecules such as proteins. It is used as a non-denaturing solvent in the process of protein purification and is especially useful in purifying membrane proteins, which are often sparingly soluble or insoluble in aqueous solution due to their native hydrophobicity. CHAPS can also be used in conjunction with nonionic detergents such as Triton X-100.

Tests

Appearance:
Assay (from N):
Water (K.F.):
Conductivity (0.1 M):
Na:
Abs. (1 cm/5% in H₂O)
A₂₉₀
A₄₀₀

Specifications

white powder
 ≥99%
 ≤4%
 ≤10.0 μS/cm
 ≤0.005%
 ≤0.5
 ≤0.02

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.