

FT-33351A



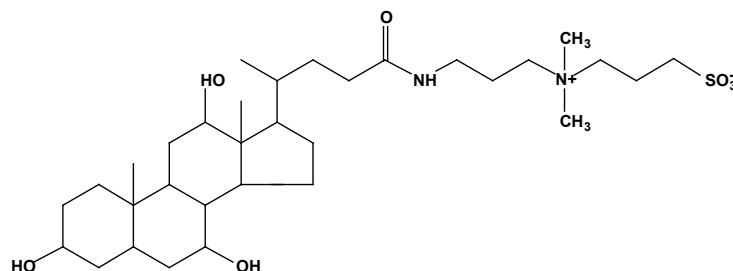
CHAPS

Product Information

Name: CHAPS, 3-((3-Cholamidopropyl)dimethylammonio)propanesulfonic acid

Catalog Number:

- UP333514, 5 g
- UP33351A, 10 g
- UP33351W, 25 g
- UP333519, 50 g
- UP333517, 100 g
- UP33351N, 500 g
- UP333516, 1 kg



Structure : $C_{32}H_{58} N_2O_7 S$

CAS : 75621-03-3

Molecular Weight : 614.88 g/mol

Storage: Room temperature in a dry place, or best at $<0^{\circ}C$
 Keep tightly closed
 Protected from moisture

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General Information

Chaps is non ionic detergent, derived from cholic acid and sulfobetaine. It is fully soluble at 0°C up 100mM in water. Monomer micellar molecular weight is 614.9. It is an excellent detergent for many applications, including:

- electrophoresis gels can be blotted to polyvinylidene difluoride membranes in 10 mM CHAPS, 10% methanol pH 11, for sequencing ([Grandori 1992](#))
- enzymatic cleavage assays (DEVD AFC [Martin 1997](#))
- protein extraction from mammalian cells, from bacteria, for 2D analysis...

Literature

[Martin 1997](#) Martins, L.M., P.W. Mesner, T.J. Kottke, G.S. Basi, S. Sinha, J.S. Tung, P.A. Svingen, B.J. Madden, A. Takahashi, D.J. McCormick, et al. 1997b. Comparison of caspase activation and subcellular localization in HL-60 and K562 cells undergoing etoposide-induced apoptosis. *Blood*. 90:42834296 [in](#)

Legals

For R&D use only.

Related products and documents

Other detergents: see BioSciences catalogue

NT-Protein Extraction

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