## Choline chloride

Other names: (.beta.-hydroxyethyl)trimethylammonium chloride

> (2-hydroxyethyl)trimethylammonium chloride 2-hydroxy-N,N,N-trimethylethanaminium chloride

cholinium chloride

trimethyl(2-hydroxyethyl)ammonium chloride

Inchi: InChl=1S/C5H14NO.CIH/c1-6(2,3)4-5-7;/h7H,4-5H2,1-3H3;1H/q+1;/p-1

InchiKey: SGMZJAMFUVOLNK-UHFFFAOYSA-M

Formula: C5H14CINO

SMILES: C[N+](C)(C)CCO.[CI-]

Mol. weight [g/mol]: 139.62 CAS: 67-48-1

## **Physical Properties**

Property code	Value	Unit	Source
tf	577.20	К	Formation of Deep Eutectic Solvents by Phenols and Choline Chloride and Their Physical Properties
tt	351.62	К	Thermal Properties of Choline Chloride/Urea System Studied under Moisture-Free Atmosphere

## Sources

Application of the Eotvos and Aqueous Systems Containing (Choline

mixtures in the temperature range

(283.15-363.15) K:

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http://webbook.nist.gov/cgi/cbook.cgi?ID=C67481&Units=SI

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## Legend

tf: Normal melting (fusion) pointtt: Triple Point Temperature

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