# Ethanaminium, N,N,N-triethyl-, iodide

Other names: Ammonium, tetraethyl-, iodide

Tetraethylammonium iodide

Tetramon iodide

Tetramon-I

InChl=1S/C8H20N.HI/c1-5-9(6-2,7-3)8-4;/h5-8H2,1-4H3;1H/q+1;/p-1

InchiKey: UQFSVBXCNGCBBW-UHFFFAOYSA-M

Formula: C8H20IN

**SMILES:** CC[N+](CC)(CC)CC.[I-]

Mol. weight [g/mol]: 257.16 CAS: 68-05-3

### **Physical Properties**

Property code	Value	Unit	Source
SS	311.30	J/mol×K	NIST Webbook

## **Temperature Dependent Properties**

Property code	Value	Unit	Temperature [K]	Source
cps	254.00	J/mol×K	298.15	NIST Webbook
cps	254.40	J/mol×K	298.15	NIST Webbook

#### **Sources**

Investigation on solute solvent interactions of glycine, L-alanine and Thermodynamic situdy of N-acetyl shrings of the solutions are the s

Repestic determination of the osmot and activity coefficients of dilute aqueous solutions of the series MeEt3NI to HepEt3NI at 298.15K: https://www.doi.org/10.1016/j.jct.2015.08.009

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https://www.doi.org/10.1021/je900542y

http://webbook.nist.gov/cgi/cbook.cgi?ID=C68053&Units=SI

Hestic determination of the osmotic https://www.doi.org/10.1016/j.fluid.2006.09.025

## Legend

**cps:** Solid phase heat capacity

ss: Solid phase molar entropy at standard conditions

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