Tetra-N-butylammonium chloride

Other names:	1-butanaminium, N,N,N-tributyl-, chloride		
	tetrabutylammonium chloride		
Inchi:	InChI=1S/C16H36N.CIH/c1-5-9-13-17(14-10-6-2,15-11-7-3)16-12-8-4;/h5-16H2,1-4H3;1I		
InchiKey:	NHGXDBSUJJNIRV-UHFFFAOYSA-M		
Formula:	C16H36CIN		
SMILES:	CCCC[N+](CCCC)(CCCC)CCC.[CI-]		
Mol. weight [g/mol]:	277.92		
CAS:	1112-67-0		

Physical Properties

Property code	Value	Unit	Source
hfs	-564.80 ± 3.10	kJ/mol	NIST Webbook
tf	342.82	К	Indirect assessment of the fusion properties of choline chloride from solid-liquid equilibria data
tf	310.00 ± 1.00	K	NIST Webbook

Sources

NIST Webbook:

Acid-Based Hydrophobic Deep Eutectic lonic Liquid Analogues and Their Patingain panderates g-out effects of organic and inorganic ammonium salts Molare Least Constant of the second of the s Efficient and Reversible Nitric Oxide Absorption by Low-Viscosity, Azerrinenveldeterrinetenceschechter data of systems consisting of (hexane Phane wind and the stand anticular historic formulator-like blace with the stand the stand anticular historic formulator-like blace with the stand the stand anticular historic formulator-like blace with the stand the stand anticular historic formulator-like blace with the stand the stand dioxide in five levulinic acid-based the stand for the stand the stand historic formulatoric form dioxide in five levulinic acid-based the stand for the stand the stand historic formulatoric form solid-liquid equilibria data:

Carbon Dioxide Solubilities in Decanoic https://www.doi.org/10.1021/acs.jced.7b00534 https://www.doi.org/10.1021/je5002126

http://webbook.nist.gov/cgi/cbook.cgi?ID=C1112670&Units=SI

https://www.doi.org/10.1016/j.jct.2018.03.030

https://www.doi.org/10.1016/j.jct.2016.09.021

https://www.doi.org/10.1016/j.jct.2013.10.024

https://www.doi.org/10.1016/j.jct.2016.08.015

https://www.doi.org/10.1016/j.fluid.2017.03.015

Legend

hfs:Solid phase enthalpy of formation at standard conditionstf:Normal melting (fusion) point

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