

# Di-n-octadecylamine, hydrochloride

<b>Other names:</b>	Diocadecylammonium chloride N-octadecyloctadecan-1-aminium chloride
<b>Inchi:</b>	InChI=1S/C36H75N.ClH/c1-3-5-7-9-11-13-15-17-19-21-23-25-27-29-31-33-35-37-36-34-
<b>InchiKey:</b>	KGOGNDXXUVELIQ-UHFFFAOYSA-N
<b>Formula:</b>	C36H76ClN
<b>SMILES:</b>	CCCCCCCCCCCCCCCCCNCCCCCCCCCCCCCCCCCCC.Cl
<b>Mol. weight [g/mol]:</b>	558.45
<b>CAS:</b>	6944-28-1

## Physical Properties

Property code	Value	Unit	Source
hfus	97.00	kJ/mol	Thermal characteristics of solid solid phase transitions in long-chain dialkyl ammonium salts

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C6944281&Units=SI>

**Thermal characteristics of solid solid phase transitions in long-chain dialkyl ammonium salts:** <https://www.doi.org/10.1016/j.tca.2005.04.019>

## Legend

**hfus:** Enthalpy of fusion at standard conditions

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