

Armeen 12d hydrochloride

Other names:	1-aminododecane hydrochloride dodecanamine hydrochloride dodecylamine hydrochloride dodecylamine, hydrochloride dodecylammonium chloride laurylamine hydrochloride laurylammonium chloride n-dodecylamine hydrochloride n-dodecylammonium chloride
Inchi:	InChI=1S/C12H27N.ClH/c1-2-3-4-5-6-7-8-9-10-11-12-13;/h2-13H2,1H3;1H
InchiKey:	TWFQJFPTTMIETC-UHFFFAOYSA-N
Formula:	C12H28ClN
SMILES:	CCCCCCCCCCCCN.Cl
Mol. weight [g/mol]:	221.81
CAS:	929-73-7

Physical Properties

Property code	Value	Unit	Source
hfus	25.72	kJ/mol	Investigation on Phase Transitions and Thermodynamic Properties of 1-Dodecylamine Hydrochloride (C12H25NH3Cl)(s)

Sources

Investigation on Phase Transitions and Thermodynamic Properties of 1-Dodecylamine Hydrochloride (C12H25NH3Cl)(s)	https://www.doi.org/10.1007/s10765-009-0675-2
Thermodynamic Properties of 1-Dodecylamine Hydrochloride (C12H25NH3Cl)(s)	https://www.doi.org/10.1016/j.jct.2013.07.001
1-Dodecylamine Hydrochloride (C12H25NH3Cl)(s) and its complexes with transition metal ions (M = Cu and Cd):	http://webbook.nist.gov/cgi/cbook.cgi?ID=C929737&Units=SI

Legend

hfus: Enthalpy of fusion at standard conditions

Latest version available from:

<https://www.chemeo.com/cid/63-367-5/Armeen-12d-hydrochloride.pdf>

Generated by Cheméo on 2025-12-05 17:23:34.091882834 +0000 UTC m=+4703611.621923498.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.