

Armeen 12d hydrochloride

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| 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.CIH/c1-2-3-4-5-6-7-8-9-10-11-12-13;/h2-13H2,1H3;1H |
| InchiKey: | TFWQJFPPTTMIETC-UHFFFAOYSA-N |
| Formula: | C12H28CIN |
| SMILES: | CCCCCCCCCCCN.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

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| Investigation on Phase Transitions and Thermodynamic Properties of Thermochemistry Hydrochloride Compound (bis(n-dodecylammonium) tetrachloroformates (n-C12H25NH3)2MCl4(s) (M = Cu and Cd): | https://www.doi.org/10.1007/s10765-009-0675-2 https://www.doi.org/10.1016/j.jct.2013.07.001 http://webbook.nist.gov/cgi/cbook.cgi?ID=C929737&Units=SI |
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Legend

hfus: Enthalpy of fusion at standard conditions

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