Didecylamine hydrobromide

Other names:	Didecylammonium bromide
	N-decyldecan-1-aminium bromide
Inchi:	InChI=1S/C20H43N.BrH/c1-3-5-7-9-11-13-15-17-19-21-20-18-16-14-12-10-8-6-4-2;/h21H
InchiKey:	ALVTUJBZAMIPAA-UHFFFAOYSA-N
Formula:	C20H44BrN
SMILES:	CCCCCCCCCC[NH2+]CCCCCCCCCC.[Br-]
Mol. weight [g/mol]:	378.47

Physical Properties

Property code	Value	Unit	Source
hfus	38.00	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=B6009686&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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