Mercury, chloroethyl-

Other names:	Ceresan
	Chloroethylmercury
	Cryptodine
	Ethylmercuric chloride
	Ethylmercury chloride
	Granosan
	Granozan
	C2H5HgCl
	EMC
	Ganozan
	Ethylmerkurichlorid
	Emcon D
	NSC 1203
	Monoethylmercury chloride
Inchi:	InChI=1S/C2H5.ClH.Hg/c1-2;;/h1H2,2H3;1H;/q;;+1/p-1
InchiKey:	QWUGXIXRFGEYBD-UHFFFAOYSA-M
Formula:	C2H5ClHg
SMILES:	CC[Hg]Cl
Mol. weight [g/mol]:	265.10
CAS:	107-27-7

Physical Properties

Property code	Value	Unit	Source
hf	-67.70 ± 4.10	kJ/mol	NIST Webbook
hfs	-143.80 ± 2.90	kJ/mol	NIST Webbook
hsub	76.10 ± 2.90	kJ/mol	NIST Webbook
ie	9.90	eV	NIST Webbook
ie	10.22 ± 0.05	eV	NIST Webbook
ie	10.22	eV	NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C107277&Units=SI

Legend

hf:	Enthalpy of formation at standard conditions
hfs:	Solid phase enthalpy of formation at standard conditions
hsub:	Enthalpy of sublimation at standard conditions
ie:	Ionization energy

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