Germanium diiodide

Inchi: InChI=1S/GeI2/c2-1-3
InchiKey: IAGYEMVJHPEPGE-UHFFFAOYSA-N
Formula: GeI2
SMILES: [I][Ge][I]
Mol. weight [g/mol]: 326.42

Physical Properties

Property code	Value	Unit	Source
hsub	87.00 ± 3.00	kJ/mol	NIST Webbook
hsub	87.00 ± 3.00	kJ/mol	NIST Webbook
hsub	76.50 ± 5.70	kJ/mol	NIST Webbook
ie	8.90	eV	NIST Webbook
ie	9.08 ± 0.03	eV	NIST Webbook
logp	1.391		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	33.30	kJ/mol	701.20	NIST Webbook
hfust	19.10	kJ/mol	419.00	NIST Webbook

Sources

Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C13573085&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hfust:	Enthalpy of fusion at a given temperature
hsub:	Enthalpy of sublimation at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient