

mercury diiodide

Inchi: InChI=1S/Hg.2I/h;2*1H/q+2;;/p-2
InchiKey: YFDLHELOZYVNJE-UHFFFAOYSA-L
Formula: HgI₂
SMILES: I[Hg]I
Mol. weight [g/mol]: 454.40
CAS: 7774-29-0

Physical Properties

Property code	Value	Unit	Source
ie	9.51 ± 0.00	eV	NIST Webbook
ie	9.51 ± 0.00	eV	NIST Webbook
ie	9.50	eV	NIST Webbook
ie	9.50	eV	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	20.30	kJ/mol	537.00	NIST Webbook
hvapt	64.00	kJ/mol	573.50	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C7774290&Units=SI>

Legend

hfust: Enthalpy of fusion at a given temperature
hvapt: Enthalpy of vaporization at a given temperature

ie: Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/65-384-4/mercury-diiodide.pdf>

Generated by Cheméo on 2024-05-21 21:43:38.675647946 +0000 UTC m=+18617067.596225258.

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