

Stannic bromide

Other names:	Tin (IV) bromide
	SnBr ₄
	Stannic tetrabromide
	Stannane, tetrabromo-
	Tin(IV) bromide (1:4)
	Tin perbromide
	Tin tetrabromide
	Tetrabromostannane
Inchi:	InChI=1S/4BrH.Sn/h4*1H;/q;;;+4/p-4
InchiKey:	LTSUHJWLSNQKIP-UHFFFAOYSA-J
Formula:	Br ₄ Sn
SMILES:	Br[Sn](Br)(Br)Br
Mol. weight [g/mol]:	438.33
CAS:	7789-67-5

Physical Properties

Property code	Value	Unit	Source
ie	10.60 ± 0.40	eV	NIST Webbook
ie	11.00	eV	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hsubt	62.40	kJ/mol	278.00	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C7789675&Units=SI>

Legend

hsubt: Enthalpy of sublimation at a given temperature

ie: Ionization energy

Latest version available from:

<https://www.chemeo.com/cid/52-496-4/Stannic-bromide.pdf>

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