

Tris(di-n-butylidithiocarbamato)antimony(III)

Inchi:	InChI=1S/3C9H19NS2.Sb/c3*1-3-5-7-10(9(11)12)8-6-4-2;/h3*3-8H2,1-2H3,(H,11,12);/q;;
InchiKey:	VIBXJCSVHAAEJV-UHFFFAOYSA-K
Formula:	C ₂₇ H ₅₄ N ₃ S ₆ Sb
SMILES:	CCCCN(CCCC)C(=S)[S-].CCCCN(CCCC)C(=S)[S-].CCCCN(CCCC)C(=S)[S-].[SbH6+3]
Mol. weight [g/mol]:	734.89
CAS:	14907-93-8

Physical Properties

Property code	Value	Unit	Source
hsub	179.00 ± 3.00	kJ/mol	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	1049.00	J/mol×K	298.15	NIST Webbook
hfust	37.24	kJ/mol	343.00	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C14907938&Units=SI>

Legend

cps:	Solid phase heat capacity
hfust:	Enthalpy of fusion at a given temperature
hsub:	Enthalpy of sublimation at standard conditions

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