Tris(di-n-butyldithiocarbamato)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: C27H54N3S6Sb
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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