

Tris(di-n-butylthiocarbamato)phosphorus(III)

Inchi:	InChI=1S/3C9H19NS2.H2P/c3*1-3-5-7-10(9(11)12)8-6-4-2;/h3*3-8H2,1-2H3,(H,11,12);1
InchiKey:	JRECWZKHFZKEQL-UHFFFAOYSA-K
Formula:	C27H54N3PS6
SMILES:	CCCCN(CCCC)C(=S)[S-].CCCCN(CCCC)C(=S)[S-].CCCCN(CCCC)C(=S)[S-].[PH6+3]
Mol. weight [g/mol]:	644.10
CAS:	69267-83-0

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	962.00	J/mol×K	298.15	NIST Webbook
hfust	35.60	kJ/mol	374.00	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C69267830&Units=SI>

Legend

cps: Solid phase heat capacity
hfust: Enthalpy of fusion at a given temperature

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