

Ytterbium isothiocyanate hexahydrate

Inchi: InChI=1S/3CNS.6H2O.Yb/c3*2-1-3;;;;;;;;;h;;;6*1H2;/q3*-1;;;;;;;;;+3
InchiKey: YFQFHXRGAWRNOQ-UHFFFAOYSA-N
Formula: C3N3S3Yb.H12O6
SMILES: O.O.O.O.O.O.[N-]=C=S.[N-]=C=S.[N-]=C=S.[Yb+3]
Mol. weight [g/mol]: 455.39
CAS: 91862-08-7

Physical Properties

Property code	Value	Unit	Source
ss	521.86	J/molxK	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	456.14	J/molxK	298.15	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C91862087&Units=SI>

Legend

cps: Solid phase heat capacity
ss: Solid phase molar entropy at standard conditions

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