

Thallium hexanoate

Inchi:	InChI=1S/C6H12O2.Tl/c1-2-3-4-5-6(7)8;/h2-5H2,1H3,(H,7,8);/q;+1/p-1
InchiKey:	WYBIAWVWBLDASQ-UHFFFAOYSA-M
Formula:	C6H11O2Tl
SMILES:	CCCCC(=O)[O-].[TlH2+]
Mol. weight [g/mol]:	319.53
CAS:	34244-90-1

Physical Properties

Property code	Value	Unit	Source
ss	324.76	J/mol×K	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	234.96	J/mol×K	298.15	NIST Webbook
cps	235.00	J/mol×K	320.00	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C34244901&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/32-901-5/Thallium-hexanoate.pdf>

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