

TRIETHOXO-OXOVANADIUM

Other names:	Vanadium, triethoxyoxo-, (T-4)- Triethyl vanadate triethoxyoxovanadium
Inchi:	InChI=1S/3C2H5O.O.V/c3*1-2-3;;/h3*2H2,1H3;;/q3*-1;;+3
InchiKey:	IOHMQGDVUCILM-UHFFFAOYSA-N
Formula:	C ₆ H ₁₅ O ₄ V
SMILES:	CC([O])[V](=[O])([O]CC)[O]CC
Mol. weight [g/mol]:	202.13

Physical Properties

Property code	Value	Unit	Source
chl	-4138.00 ± 6.70	kJ/mol	NIST Webbook
hf	-1014.70	kJ/mol	NIST Webbook
hfl	-1142.30 ± 7.30	kJ/mol	NIST Webbook
hvap	127.60	kJ/mol	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1686222&Units=SI>
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):

Legend

chl: Standard liquid enthalpy of combustion
hf: Enthalpy of formation at standard conditions
hfl: Liquid phase enthalpy of formation at standard conditions
hvap: Enthalpy of vaporization at standard conditions

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<https://www.chemeo.com/cid/46-059-6/TRIETHOXO-OXOVANADIUM.pdf>

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