

Arsenous acid, triethyl ester

Other names:	Triethyl arsenite Arsenious acid (H ₃ AsO ₃), triethyl ester Triethoxyarsine Arsenic(III) ethoxide Arsenic ethoxide
Inchi:	InChI=1S/C6H15AsO3/c1-4-8-7(9-5-2)10-6-3/h4-6H2,1-3H3
InchiKey:	BUZKVHDUZDJKHI-UHFFFAOYSA-N
Formula:	C ₆ H ₁₅ AsO ₃
SMILES:	CCO[As](OCC)OCC
Mol. weight [g/mol]:	210.10
CAS:	3141-12-6

Physical Properties

Property code	Value	Unit	Source
hvap	50.60 ± 4.20	kJ/mol	NIST Webbook
log10ws	1.15		Crippen Method
logp	1.081		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3141126&Units=SI

Legend

hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

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