

Triisopropylsilane

Other names:	Silane, tris(1-methylethyl)-
Inchi:	InChI=1S/C9H22Si/c1-7(2)10(8(3)4)9(5)6/h7-10H,1-6H3
InchiKey:	YDJXDYKQMRNUSA-UHFFFAOYSA-N
Formula:	C9H22Si
SMILES:	CC(C)[SiH](C(C)C)C(C)C
Mol. weight [g/mol]:	158.36
CAS:	6485-79-6

Physical Properties

Property code	Value	Unit	Source
ie	9.50	eV	NIST Webbook
log10ws	-0.84		Crippen Method
logp	3.444		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	358.00	K	4.70	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6485796&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

ie: Ionization energy

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
tbrp: Boiling point at reduced pressure

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