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

Physical Properties

Property code	Value	Unit	Source
ie	9.50	eV	NIST Webbook
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
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C6485796&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

ie: Ionization energy

logp: Octanol/Water partition coefficient

tbrp: Boiling point at reduced pressure