Silane, (heptyloxy)trimethyl-

Other names:	(Heptyloxy)trimethylsilane
	1-Heptanol, O-TMS
	1-Heptanol, trimethylsilyl ether
	Silane, trimethyl, heptyloxy
	1-Heptanol, tms derivative
Inchi:	InChI=1S/C10H24OSi/c1-5-6-7-8-9-10-11-12(2,3)4/h5-10H2,1-4H3
InchiKey:	BRCKXDXFQKVLKF-UHFFFAOYSA-N
Formula:	C10H24OSi
SMILES:	CCCCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	188.38
CAS:	18132-93-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.15		Crippen Method
logp	3.808		Crippen Method
rinpol	1092.00		NIST Webbook
rinpol	1088.00		NIST Webbook
rinpol	1078.00		NIST Webbook
rinpol	1078.00		NIST Webbook
rinpol	1092.00		NIST Webbook
rinpol	1082.60		NIST Webbook
rinpol	1088.00		NIST Webbook
rinpol	1092.00		NIST Webbook
ripol	1104.00		NIST Webbook
ripol	1087.00		NIST Webbook
ripol	1108.00		NIST Webbook
ripol	1108.00		NIST Webbook
ripol	1108.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
ripol:	Polar retention indices