

n-Octyltriethoxysilane

Other names:	Octyltriethoxysilane Silane, triethoxyoctyl- CO9835 Dynasylan OCTEO Prosil 9202 Triethoxy-n-octylsilane Triethoxy-n-octyltriethoxysilane Triethoxyoctylsilane Union carbide A-137
Inchi:	InChI=1S/C14H32O3Si/c1-5-9-10-11-12-13-14-18(15-6-2,16-7-3)17-8-4/h5-14H2,1-4H3
InchiKey:	MSRJTTSHWYDFIU-UHFFFAOYSA-N
Formula:	C14H32O3Si
SMILES:	CCCCCCCC[Si](OCC)(OCC)OCC
Mol. weight [g/mol]:	276.49
CAS:	2943-75-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.16		Crippen Method
logp	4.395		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	373.00	K	0.30	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2943751&Units=SI

Legend

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

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