

3-(Triethoxysilyl)propyl cyclopentane

Inchi:	InChI=1S/C14H30O3Si/c1-4-15-18(16-5-2,17-6-3)13-9-12-14-10-7-8-11-14/h14H,4-13H2
InchiKey:	WILIUQPZJIGQLX-UHFFFAOYSA-N
Formula:	C14H26O3Si
SMILES:	CCO[Si](CCCC1CCCC1)(OCC)OCC
Mol. weight [g/mol]:	270.44
CAS:	102056-64-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.81		Crippen Method
logp	4.005		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	388.00	K	0.07	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=C102056644&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/66-013-4/3-Triethoxysilyl-propyl-cyclopentane.pdf>

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