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