

[2-(3-cyclohexen-1-yl)ethyl]trimethoxysilane

Other names:	1-[2-(Trimethoxysilyl)ethyl]-3-cyclohexane
Inchi:	InChI=1S/C11H22O3Si/c1-12-15(13-2,14-3)10-9-11-7-5-4-6-8-11/h4-5,11H,6-10H2,1-3H
InchiKey:	LJNFZEBTNPLCMG-UHFFFAOYSA-N
Formula:	C11H22O3Si
SMILES:	CO[Si](CCC1CC=CCC1)(OC)OC
Mol. weight [g/mol]:	230.38
CAS:	67592-36-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.41		Crippen Method
logp	2.611		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	382.00	K	0.80	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C67592363&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

tbrp: Boiling point at reduced pressure

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