

Silane, trimethoxy[2-(7-oxabicyclo[4.1.0]hept-3-yl)ethyl]-

Other names:

«beta»-(3,4-Epoxy cyclohexyl)ethyltrimethoxysilane
[2-(3,4-Epoxy cyclohexyl)ethyl]trimethoxysilane
A 186
A 186 (Heterocycle)
KBM 303
Silane A 186
Silicone A-186
UC-A 186
Y 4086
3-[2-(Trimethoxysilyl)ethyl]-7-oxabicyclo[4.1.0]heptane
3,4-Epoxy cyclohexylethyltrimethoxysilane
4-[2-(Trimethoxysilyl)ethyl]-7-oxabicyclo[4.1.0]heptane
(2-(7-Oxabicyclo(4.1.0)hept-3-yl)-ethyl)-trimethoxysilane
((Epoxy cyclohexyl)ethyl)trimethoxy silane
NUCA 186
Silane y-4086
Silane, («beta»-(3,4-epoxy cyclohexyl)ethyl)trimethoxy-
Union carbide a-186
1-[2-(Trimethoxysilyl)ethyl]cyclohexane-3,4-epoxide
E 6250
Trimethoxy[2-(7-oxabicyclo[4.1.0]hept-3-yl)ethyl]silane
7-Oxabicyclo[4.1.0]heptane, 3-[2-(trimethoxysilyl)ethyl]-
A 186 (coupling agent)
NSC 139838
S 530
Sila-Ace S 530
Silquest A 186
InChI=1S/C11H22O4Si/c1-12-16(13-2,14-3)7-6-9-4-5-10-11(8-9)15-10/h9-11H,4-8H2,1-3
DQZNLOXENNXVAD-UHFFFAOYSA-N
C11H22O4Si
CO[Si](CCC1CCC2OC2C1)(OC)OC
246.38
3388-04-3

Inchi:

InchiKey:

Formula:

SMILES:

Mol. weight [g/mol]:

CAS:

Physical Properties

| Property code | Value | Unit | Source |
|---------------|-------|------|--------|
|---------------|-------|------|--------|

| | | | |
|---------|--------|---|----------------|
| log10ws | 0.24 | | Crippen Method |
| logp | 1.822 | | Crippen Method |
| tb | 583.00 | K | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C3388043&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
tb: Normal Boiling Point Temperature

Latest version available from:

<https://www.chemeo.com/cid/107-025-5/Silane-trimethoxy-2-7-oxabicyclo-4-1-0-hept-3-yl-ethyl.pdf>

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