

Oxirane, 2,2-di(trimethylsilyl)-

Inchi: InChI=1S/C8H20OSi2/c1-10(2,3)8(7-9-8)11(4,5)6/h7H2,1-6H3
InchiKey: UTDKDEATARQESX-UHFFFAOYSA-N
Formula: C8H20OSi2
SMILES: C[Si](C)(C)C1([Si](C)(C)C)CO1
Mol. weight [g/mol]: 188.41
CAS: 56920-20-8

Physical Properties

Property code	Value	Unit	Source
ie	9.01 ± 0.05	eV	NIST Webbook
log10ws	2.62		Crippen Method
logp	2.510		Crippen Method

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C56920208&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/42-576-6/Oxirane-2-2-di-trimethylsilyl.pdf>

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