3,7-Dioxa-2,8-disilanonane, 2,2,8,8-tetramethyl-

Other names: 1,3 Propanediol di-TMS
2,2,8,8-Tetramethyl-3,7-dioxa-2,8-disilanonane
1,3-Propanediol, bis(trimethylsilyl) ether
Propane-1,3-diol, bis-TMS
propane-1,3-diol, TMS

Inchi: InChI=1S/C9H24O2Si2/c1-12(2,3)10-8-7-9-11-13(4,5)6/h7-9H2,1-6H3

InchiKey: DWHYMKOUICVFHL-UHFFFAOYSA-N

Formula: C9H24O2Si2

SMILES: C[Si](C)(C)OCCCO[Si](C)(C)C

Mol. weight [g/mol]: 220.46

CAS: 17887-80-8

Physical Properties

Property code	Value	Unit	Source
log10ws	2.13		Crippen Method
logp	3.079		Crippen Method
rinpol	1050.50		NIST Webbook
rinpol	1073.00		NIST Webbook
ripol	1050.00		NIST Webbook
ripol	1050.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C17887808&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

rinpol: Non-polar retention indices

ripol: Polar retention indices