

Silane, (methoxymethyl)trimethoxy-

Inchi: InChI=1S/C5H14O4Si/c1-5-9-10(6-2,7-3)8-4/h5H2,1-4H3
InchiKey: ITAHRPSKCCPKOK-UHFFFAOYSA-N
Formula: C5H14O4Si
SMILES: CCO[Si](OC)(OC)OC
Mol. weight [g/mol]: 166.25
CAS: 22859-36-5

Physical Properties

Property code	Value	Unit	Source
log10ws	1.94		Crippen Method
logp	0.398		Crippen Method
rinpol	720.90		NIST Webbook
rinpol	713.00		NIST Webbook
rinpol	720.90		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C22859365&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/40-019-6/Silane-methoxymethyl-trimethoxy.pdf>

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