

Silane, diethoxy-, dipropoxy-

Inchi: InChI=1S/C10H24O4Si/c1-5-9-13-15(11-7-3,12-8-4)14-10-6-2/h5-10H2,1-4H3
InchiKey: WXAYXYTUOFVMKE-UHFFFAOYSA-N
Formula: C10H24O4Si
SMILES: CCCO[Si](OCC)(OCC)OCCC
Mol. weight [g/mol]: 236.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.15		Crippen Method
logp	2.348		Crippen Method
rinsol	1010.00		NIST Webbook
rinsol	1010.50		NIST Webbook
rinsol	1006.00		NIST Webbook
rinsol	1006.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138240&Units=SI>

Legend

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

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<https://www.cheméo.com/cid/66-356-4/Silane-diethoxy-dipropoxy.pdf>

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