

Silane, dipropoxy-, diheptyloxy-

Inchi: InChI=1S/C20H44O4Si/c1-5-9-11-13-15-19-23-25(21-17-7-3,22-18-8-4)24-20-16-14-12-10
InchiKey: MZDGUHQOGONKNE-UHFFFAOYSA-N
Formula: C20H44O4Si
SMILES: CCCCCCO[Si](OCCC)(OCCC)OCCCCCCC
Mol. weight [g/mol]: 376.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.34		Crippen Method
logp	6.249		Crippen Method
rinpol	1859.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138493&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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.chemeo.com/cid/95-254-5/Silane-dipropoxy-diheptyloxy.pdf>

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