

Silane, butyloxy-, trihexyloxy-

Inchi: InChI=1S/C22H48O4Si/c1-5-9-13-16-20-24-27(23-19-12-8-4,25-21-17-14-10-6-2)26-22-1
InchiKey: NWBWXXCQOZJLSI-UHFFFAOYSA-N
Formula: C22H48O4Si
SMILES: CCCCCCO[Si](OCCCC)(OCCCCCC)OCCCCC
Mol. weight [g/mol]: 404.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.18		Crippen Method
logp	7.029		Crippen Method
rinpol	2010.00		NIST Webbook
rinpol	2010.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138364&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.chemeo.com/cid/13-939-5/Silane-butylxy-trihexyloxy.pdf>

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