

Silane, diethyldi(4-octyloxy)-

Inchi: InChI=1S/C20H44O2Si/c1-7-13-17-19(15-9-3)21-23(11-5,12-6)22-20(16-10-4)18-14-8-2/
InchiKey: MIZCGSZHWBUJAG-UHFFFAOYSA-N
Formula: C20H44O2Si
SMILES: CCCCC(CCC)O[Si](CC)(CC)OC(CCC)CCCC
Mol. weight [g/mol]: 344.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.23		Crippen Method
logp	7.219		Crippen Method
rinpol	1779.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363757&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/22-754-0/Silane-diethyldi-4-octyloxy.pdf>

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