

Silane, diethyldodecyloxy(2-ethoxyethoxy)-

Inchi: InChI=1S/C20H44O3Si/c1-5-9-10-11-12-13-14-15-16-17-18-22-24(7-3,8-4)23-20-19-21-6
InchiKey: UOLKCRNEPTVPSP-UHFFFAOYSA-N
Formula: C20H44O3Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)OCCOCC
Mol. weight [g/mol]: 360.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.09		Crippen Method
logp	6.459		Crippen Method
rinpol	2123.00		NIST Webbook
rinpol	2123.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363525&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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