

Silane, diethyldioctyloxy-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.00		Crippen Method
logp	7.223		Crippen Method
rinpol	2031.00		NIST Webbook
rinpol	2031.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363078&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/41-704-4/Silane-diethyldioctyloxy.pdf>

Generated by Cheméo on 2024-04-23 15:13:22.567169119 +0000 UTC m=+16174451.487746431.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.