

Silane, diethylheptyloxy(4-heptyloxy)-

Inchi: InChI=1S/C18H40O2Si/c1-6-11-12-13-14-17-19-21(9-4,10-5)20-18(15-7-2)16-8-3/h18H,6
InchiKey: ZZWXQKNQSCNMDK-UHFFFAOYSA-N
Formula: C18H40O2Si
SMILES: CCCCCCO[Si](CC)(CC)OC(CCC)CCC
Mol. weight [g/mol]: 316.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.28		Crippen Method
logp	6.441		Crippen Method
rinpol	1728.00		NIST Webbook
rinpol	1728.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363713&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

Latest version available from:

<https://www.cheméo.com/cid/44-323-4/Silane-diethylheptyloxy-4-heptyloxy.pdf>

Generated by Cheméo on 2024-04-26 18:54:12.087301579 +0000 UTC m=+16446901.007878894.

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