

Silane, dimethyl(2-decyloxy)heptyloxy-

Inchi: InChI=1S/C19H42O2Si/c1-6-8-10-12-13-15-17-19(3)21-22(4,5)20-18-16-14-11-9-7-2/h19
InchiKey: SYPZLAWDUKYQBB-UHFFFAOYSA-N
Formula: C19H42O2Si
SMILES: CCCCCCCC(C)O[Si](C)(C)OCCCCCCC
Mol. weight [g/mol]: 330.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.70		Crippen Method
logp	6.831		Crippen Method
rinpol	1868.00		NIST Webbook
rinpol	1868.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347622&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/97-761-0/Silane-dimethyl-2-decyloxy-heptyloxy.pdf>

Generated by Cheméo on 2024-04-29 23:13:52.043842971 +0000 UTC m=+16721680.964420291.

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