

Silane, dimethyl, (2-decyloxy), dimethylamino

Other names:	Silane, dimethyl(dimethyl(2-decyloxy)silyloxy)dimethylamino-
Inchi:	InChI=1S/C14H33NOSi/c1-7-8-9-10-11-12-13-14(2)16-17(5,6)15(3)4/h14H,7-13H2,1-6H3
InchiKey:	KMCQGLSZYACKDF-UHFFFAOYSA-N
Formula:	C14H33NOSi
SMILES:	CCCCCCCCC(C)O[Si](C)(C)N(C)C
Mol. weight [g/mol]:	259.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.08		Crippen Method
logp	4.405		Crippen Method
rinsol	1480.00		NIST Webbook
rinsol	1480.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U347637&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/120-842-3/Silane-dimethyl-2-decyloxy-dimethylamino.pdf>

Generated by Cheméo on 2024-05-15 02:01:54.227397926 +0000 UTC m=+18027763.147975238.

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