

Silane, dibutyloxy-, diamyloxy-

Inchi: InChI=1S/C18H40O4Si/c1-5-9-13-17-21-23(19-15-11-7-3,20-16-12-8-4)22-18-14-10-6-2/
InchiKey: SANWLOUHAIEHHJ-UHFFFAOYSA-N
Formula: C18H40O4Si
SMILES: CCCCCO[Si](CCCC)(CCCC)OCCCC
Mol. weight [g/mol]: 348.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.50		Crippen Method
logp	5.469		Crippen Method
rinpol	1661.00		NIST Webbook
rinpol	1661.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138379&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/10-411-3/Silane-dibutyloxy-diamyloxy.pdf>

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