Silane, dimethyl(docosyloxy)heptyloxy-

Inchi: InChI=1S/C31H66O2Si/c1-5-7-9-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-27-29-
InchiKey: WLIFLFMJDUYLDF-UHFFFAOYSA-N
Formula: C31H66O2Si
SMILES: CCCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)OCCCCCCC
Mol. weight [g/mol]: 498.94

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.61		Crippen Method
logp	11.514		Crippen Method
rinpol	3104.00		NIST Webbook
rinpol	3104.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347865&Units=SI

Legend

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