bis O-TBDMS derivative of N-isoBOC diethanolamine

Other names: Diethanolamine, N-isoBOC, O-TBDMS, # 2
Inchi: InChI=1S/C21H47NO4Si2/c1-18(2)17-24-19(23)22(13-15-25-27(9,10)20(3,4)5)14-16-26-
InchiKey: LLQVEJVRRLNCCK-UHFFFAOYSA-N
Formula: C21H47NO4Si2
SMILES: CC(C)COC(=O)N(CCO[Si](C)(C)C(C)(C)C)CCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 433.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.06		Crippen Method
logp	6.125		Crippen Method
rinpol	2284.00		NIST Webbook
rinpol	2284.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U365919&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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