Creatinine, N,N'-di(tert.-butyldimethylsilyl)-

Inchi: InChI=1S/C16H35N3OSi2/c1-15(2,3)21(8,9)17-14-18(7)12-13(20)19(14)22(10,11)16(4,5)
InchiKey: OOPSYVMKHGPDRC-UHFFFAOYSA-N
Formula: C16H35N3OSi2
SMILES: CN1CC(=O)N([Si](C)(C)C(C)(C)C)C1=N[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 341.64

Physical Properties

Property code	Value	Unit	Source
log10ws	0.41		Crippen Method
logp	4.127		Crippen Method
rinpol	2443.00		NIST Webbook
rinpol	2443.00		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=U374349&Units=SI

Legend

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