1,3-Dihydrobenzimidazol-2-one, N,N'-bIis(tert-butyldimethylsilyl)-

Other names: 1,3-Dihydrobenzimidazol-2-one 2tBDMS
Inchi: InChI=1S/C19H34N2OSi2/c1-18(2,3)23(7,8)20-15-13-11-12-14-16(15)21(17(20)22)24(9,
InchiKey: IXTVPXDLZPNNTA-UHFFFAOYSA-N
Formula: C19H34N2OSi2
SMILES: CC(C)(C)[Si](C)(C)n1c(=O)n([Si](C)(C)C(C)(C)C)c2ccccc21
Mol. weight [g/mol]: 362.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.89		Crippen Method
logp	5.510		Crippen Method
rinpol	2163.00		NIST Webbook
rinpol	2163.00		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=U373102&Units=SI

Legend

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