(E)-N-Trimethylsilyloxy-1-(4-methoxy-3-nitrophen

Inchi: InChI=1S/C12H18N2O4Si/c1-9(13-18-19(3,4)5)10-6-7-12(17-2)11(8-10)14(15)16/h6-8H,
InchiKey: ALVFAQSEBKCUHX-UHFFFAOYSA-N
Formula: C12H18N2O4Si
SMILES: COc1ccc(C(C)=NO[Si](C)(C)C)cc1[N+](=O)[O-]
Mol. weight [g/mol]: 282.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.70		Crippen Method
logp	3.179		Crippen Method
rinpol	2041.00		NIST Webbook
rinpol	2041.00		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=U373423&Units=SI

Legend

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