Atropine, picolinyloxydimethylsilyl ether

Inchi: InChI=1S/C25H34N2O4Si/c1-27-21-11-12-22(27)15-23(14-21)31-25(28)24(20-9-5-4-6-10
InchiKey: HZUONDUIRBLNQS-UHFFFAOYSA-N
Formula: C25H34N2O4Si
SMILES: CN1C2CCC1CC(OC(=O)C(CO[Si](C)(C)OCc1cccnc1)c1ccccc1)C2
Mol. weight [g/mol]: 454.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.50		Crippen Method
logp	4.269		Crippen Method
rinpol	3066.90		NIST Webbook
rinpol	3066.90		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=U352413&Units=SI

Legend

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