Tulobuterol, tert-butyldimethylsilyl ether

Other names: Tulobuterol, tbdms derivative
Inchi: InChI=1S/C18H32ClNOSi/c1-17(2,3)20-13-16(14-11-9-10-12-15(14)19)21-22(7,8)18(4,5)
InchiKey: SQXFRBBGXXDYGR-UHFFFAOYSA-N
Formula: C18H32ClNOSi
SMILES: CC(C)(C)NCC(O[Si](C)(C)C(C)(C)C)c1ccccc1Cl
Mol. weight [g/mol]: 341.99

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.04		Crippen Method
logp	5.791		Crippen Method
rinpol	1802.90		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=U333969&Units=SI

Legend

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