

Tulobuterol, tert-butyldimethylsilyl ether

Other names:	Tulobuterol, tbdms derivative
Inchi:	InChI=1S/C18H32CINOSi/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:	C18H32CINOSi
SMILES:	CC(C)(C)NCC(O[Si](C)(C)C(C)(C)C)c1cccc1Cl
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/ci9903071
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

Latest version available from:

<https://www.chemeo.com/cid/22-507-4/Tulobuterol-tert-butyldimethylsilyl-ether.pdf>

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