Heptyl-1-tetrahydrocannabinol, TBDMS

Inchi: InChI=1S/C29H48O2Si/c1-10-11-12-13-14-15-22-19-25-27(26(20-22)31-32(8,9)28(3,4)5)
InchiKey: QJBJIIKYWFCBPP-XMMISQBUSA-N
Formula: C29H48O2Si
SMILES: CCCCCCCc1cc2c(c(O[Si](C)(C)C(C)(C)C)c1)C1C=C(C)CCC1C(C)(C)O2
Mol. weight [g/mol]: 456.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.96		Crippen Method
logp	9.194		Crippen Method
rinpol	2748.00		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=R526424&Units=SI

Legend

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