(2R,3R)-(-)-2-Benzyloxy-1,3,4-butanetriol, tris(trimethylsilyl) ether

Inchi: InChI=1S/C20H40O4Si3/c1-25(2,3)22-16-19(21-15-18-13-11-10-12-14-18)20(24-27(7,8)9

InchiKey: KFXCCDLTWJNIKQ-UHFFFAOYSA-N

Formula: C20H40O4Si3

SMILES: C[Si](C)(C)OCC(OCc1ccccc1)C(CO[Si](C)(C)C)O[Si](C)(C)C

Mol. weight [g/mol]: 428.79

Physical Properties

Property code	Value	Unit	Source
log10ws	1.48		Crippen Method
logp	5.495		Crippen Method
rinpol	1912.60		NIST Webbook
rinpol	1912.60		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=U380146&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices