6-Deoxygalactonic acid, pentakis-TMS

Inchi: InChI=1S/C21H52O6Si5/c1-17(23-28(2,3)4)18(24-29(5,6)7)19(25-30(8,9)10)20(26-31(11
InchiKey: GJYJHENJLCOPHY-FUMNGEBKSA-N
Formula: C21H52O6Si5
SMILES: CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 541.06

Physical Properties

Property code	Value	Unit	Source
log10ws	5.47		Crippen Method
logp	6.265		Crippen Method
rinpol	1899.00		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=R101496&Units=SI

Legend

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