L-arabinose, TMS diethyldithioacetal derivative

Inchi: InChI=1S/C21H52O4S2Si4/c1-15-26-21(27-16-2)20(25-31(12,13)14)19(24-30(9,10)11)18

InchiKey: SXKRVWDTTZYHFP-SLFFLAALSA-N

Formula: C21H52O4S2Si4

SMILES: CCSC(SCC)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C

Mol. weight [g/mol]: 545.11

Physical Properties

Property code	Value	Unit	Source
log10ws	2.12		Crippen Method
logp	7.330		Crippen Method
rinpol	2124.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R502844&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices