D-galactose, TMS diethyldithioacetal derivative

Inchi: InChI=1S/C25H62O5S2Si5/c1-18-31-25(32-19-2)24(30-37(15,16)17)23(29-36(12,13)14)2

InchiKey: CNMNOZHMKGENSD-NAVOZUGXSA-N

Formula: C25H62O5S2Si5

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

Mol. weight [g/mol]: 647.31

Physical Properties

Property code	Value	Unit	Source
log10ws	3.20		Crippen Method
logp	8.551		Crippen Method
rinpol	2383.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R502740&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