(.+/-.)-«alpha»-Lipoic acid, benzyldimethylsilyl ester

Inchi: InChI=1S/C17H26O2S2Si/c1-22(2,14-15-8-4-3-5-9-15)19-17(18)11-7-6-10-16-12-13-20-2

InchiKey: ONCJZHMPVJNHEX-UHFFFAOYSA-N

Formula: C17H26O2S2Si

SMILES: C[Si](C)(Cc1ccccc1)OC(=O)CCCCC1CCSS1

Mol. weight [g/mol]: 354.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.81		Crippen Method
logp	5.231		Crippen Method
rinpol	2678.00		NIST Webbook
rinpol	2678.00		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=U376183&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices