

(.+/-)-«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)(Cc1cccc1)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
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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

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<https://www.chemeo.com/cid/61-548-6/alpha-Lipoic-acid-benzyldimethylsilyl-ester.pdf>

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