

DL-Arabinopyranose, tetrakis(trimethylsilyl) ether

Inchi:	InChI=1S/C17H42O5Si4/c1-23(2,3)19-14-13-18-17(22-26(10,11)12)16(21-25(7,8)9)15(14)
InchiKey:	KEOUSSOURMHEKN-UHFFFAOYSA-N
Formula:	C17H42O5Si4
SMILES:	<chem>C[Si](C)(C)OC1COC(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C</chem>
Mol. weight [g/mol]:	438.85

Physical Properties

Property code	Value	Unit	Source
log10ws	4.58		Crippen Method
logp	4.854		Crippen Method
rinpol	1607.60		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U380153&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/37-232-3/DL-Arabinopyranose-tetrakis-trimethylsilyl-ether.pdf>

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