

Levoglucozan, tris(trimethylsilyl)-

Inchi: InChI=1S/C15H34O5Si3/c1-21(2,3)18-12-11-10-16-15(17-11)14(20-23(7,8)9)13(12)19-2
InchiKey: OEPKLYQQZLBNKR-SBJFKYEJSA-N
Formula: C15H34O5Si3
SMILES: C[Si](C)(C)OC1C2COC(O2)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 378.68
CAS: 7449-14-1

Physical Properties

Property code	Value	Unit	Source
log10ws	3.47		Crippen Method
logp	3.402		Crippen Method
rinpol	1697.50		NIST Webbook
rinpol	1691.40		NIST Webbook
rinpol	1697.50		NIST Webbook
rinpol	1691.40		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C7449141&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/64-962-3/Levoglucozan-tris-trimethylsilyl.pdf>

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