

Galactonic acid, hexakis-TMS

Other names:	Galactonic acid, TMS
Inchi:	InChI=1S/C24H60O7Si6/c1-32(2,3)26-19-20(27-33(4,5)6)21(28-34(7,8)9)22(29-35(10,11
InchiKey:	IVIMVRAMMWQMHJ-WZYRSQIMSA-N
Formula:	C24H60O7Si6
SMILES:	C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(=O)O[S
Mol. weight [g/mol]:	629.24
CAS:	55400-16-3

Physical Properties

Property code	Value	Unit	Source
log10ws	7.08		Crippen Method
logp	7.096		Crippen Method
rinpol	1991.70		NIST Webbook
rinpol	1991.60		NIST Webbook
rinpol	2039.00		NIST Webbook
rinpol	1991.70		NIST Webbook
rinpol	2062.00		NIST Webbook

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=C55400163&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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