

Glucuronic acid, pentakis-TMS

Other names:	Glucuronic acid TMS
Inchi:	InChI=1S/C21H50O7Si5/c1-29(2,3)24-16-17(25-30(4,5)6)19(26-31(7,8)9)21(28-33(13,14)10)20
InchiKey:	ZJKACRRFXMWHBG-BKZNIZDZSA-N
Formula:	C ₂₁ H ₅₀ O ₇ Si ₅
SMILES:	C[Si](C)(C)OC(=O)C1OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]:	555.04

Physical Properties

Property code	Value	Unit	Source
log10ws	5.88		Crippen Method
logp	5.601		Crippen Method
rinpola	2004.00		NIST Webbook
rinpola	2058.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R14925&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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<https://www.cheméo.com/cid/68-531-7/Glucuronic-acid-pentakis-TMS.pdf>

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