

Galacturonic acid, MEOX-5TMS

Inchi: InChI=1S/C22H53NO7Si5/c1-25-23-17-18(26-31(2,3)4)19(27-32(5,6)7)20(28-33(8,9)10)21-22
InchiKey: FKLGHFYFJKVJFQ-WOCUKSDZSA-N
Formula: C22H53NO7Si5
SMILES: CON=CC(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[Si](C)(C)C
Mol. weight [g/mol]: 584.09

Physical Properties

Property code	Value	Unit	Source
log10ws	5.81		Crippen Method
logp	5.877		Crippen Method
rinpol	1947.00		NIST Webbook
rinpol	1947.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R605755&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/114-048-2/Galacturonic-acid-MEOX-5TMS.pdf>

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