

Glucuronic acid, 1-MO, 5TMS, BP

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)21-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100
InchiKey: FKLGHFYFJKVJFQ-VNZNOYQUSA-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	1939.00		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=R577081&Units=SI>

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/30-665-0/Glucuronic-acid-1-MO-5TMS-BP.pdf>

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