

N-Acetyl-D-galactosaminitol, pentakis(trimethylsilyl) ether

Inchi: InChI=1S/C23H57NO6Si5/c1-19(25)24-20(17-26-31(2,3)4)22(29-34(11,12)13)23(30-35(14,15)16)21(18)27-28
InchiKey: RAXPVCSDMAMRLJ-UHFFFAOYSA-N
Formula: C23H57NO6Si5
SMILES: CC(=O)NC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 584.13

Physical Properties

Property code	Value	Unit	Source
log10ws	5.45		Crippen Method
logp	5.854		Crippen Method
rinpol	2070.70		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380258&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/36-296-4/N-Acetyl-D-galactosaminitol-pentakis-trimethylsilyl-ether.pdf>

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