

«beta»-D-(+)-Mannopyranose, pentakis(trimethylsilyl) ether

Inchi: InChI=1S/C21H52O6Si5/c1-28(2,3)22-16-17-18(24-29(4,5)6)19(25-30(7,8)9)20(26-31(10)11)23(12,13)14(15)18
InchiKey: PPFHNIVPOLWPCF-UHFFFAOYSA-N
Formula: C₂₁H₅₂O₆Si₅
SMILES: C[Si](C)(C)OCC1OC(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]: 541.06

Physical Properties

Property code	Value	Unit	Source
logp	6.075		Crippen Method
rinpol	1890.30		NIST Webbook
rinpol	1890.30		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380130&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Legend

logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/49-655-1/beta-D-Mannopyranose-pentakis-trimethylsilyl-ether.pdf>

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