

Galactose, pentakis-TMS

Inchi: InChI=1S/C21H52O6Si5/c1-28(2,3)23-17-19(25-30(7,8)9)21(27-32(13,14)15)20(26-31(10,11)12)6
InchiKey: PPTMWEDTYQRQBC-BQJUDKOJSA-N
Formula: C₂₁H₅₂O₆Si₅
SMILES: C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=O)O[Si](C)(C)C
Mol. weight [g/mol]: 541.06

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 5.97 | | Crippen Method |
| logp | 5.917 | | Crippen Method |
| rinpol | 1898.00 | | NIST Webbook |
| rinpol | 1895.00 | | NIST Webbook |
| rinpol | 1895.00 | | NIST Webbook |
| rinpol | 1895.00 | | 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=R509256&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/56-812-8/Galactose-pentakis-TMS.pdf>

Generated by Cheméo on 2024-04-18 07:40:33.900773234 +0000 UTC m=+15715282.821350546.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.