

«beta»-Gentiobiose, TMS

Inchi: InChI=1S/C36H86O11Si8/c1-48(2,3)38-26-28-30(42-50(7,8)9)31(43-51(10,11)12)33(45-5
InchiKey: SWPQHIFGBMZXPV-JNJSJOKASA-N
Formula: C36H86O11Si8
SMILES: C[Si](C)(C)OCC1OC(OCC2OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C2O[Si](C)(C)C
Mol. weight [g/mol]: 919.75

Physical Properties

Property code	Value	Unit	Source
log10ws	8.84		Crippen Method
logp	9.476		Crippen Method
rinal	2978.00		NIST Webbook
rinal	2978.00		NIST Webbook
rinal	2978.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R67980&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinal: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/24-888-0/beta-Gentiobiose-TMS.pdf>

Generated by Cheméo on 2024-04-19 16:59:24.567202905 +0000 UTC m=+15835213.487780217.

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