

4-Nitrophenyl-«beta»-D-galacturonide, tris(trimethylsilyl) ether, trimethylsilyl ester

Inchi: InChI=1S/C24H45NO9Si4/c1-35(2,3)31-19-20(32-36(4,5)6)22(33-37(7,8)9)24(30-21(19)2
InchiKey: ZKFBDCINXMTWTO-UHFFFAOYSA-N
Formula: C24H45NO9Si4
SMILES: C[Si](C)(C)OC(=O)C1OC(Oc2ccc([N+](=O)[O-])cc2)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O
Mol. weight [g/mol]: 603.96

Physical Properties

Property code	Value	Unit	Source
log10ws	2.28		Crippen Method
logp	5.737		Crippen Method
rinpol	2837.30		NIST Webbook
rinpol	2837.30		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380158&Units=SI>

Legend

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

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<https://www.chemeo.com/cid/86-842-2/4-Nitrophenyl-beta-D-galacturonide-tris-trimethylsilyl-ether-trimethylsilyl-ester>.

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