

d-(+)-Gluconic acid «delta»-lactone, tetrakis(trimethylsilyl) ether

Other names:	D-(+)-gluconolactone, 4tms derivative
Inchi:	InChI=1S/C18H42O6Si4/c1-25(2,3)20-13-14-15(22-26(4,5)6)16(23-27(7,8)9)17(18(19)21
InchiKey:	VNGTZLYNGGLPIZ-UHFFFAOYSA-N
Formula:	C18H42O6Si4
SMILES:	C[Si](C)(C)OCC1OC(=O)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]:	466.86

Physical Properties

Property code	Value	Unit	Source
logp	4.424		Crippen Method

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U332831&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Cheméo Relay (1.0):

Legend

logp: Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/66-594-0/d-Gluconic-acid-delta-lactone-tetrakis-trimethylsilyl-ether.pdf>

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