

D-(+)-Glucuronic acid «gamma»-lactone, tris(trimethylsilyl) ether (isomer 1)

Inchi: InChI=1S/C15H32O6Si3/c1-22(2,3)19-12-10-11(17-14(12)16)13(20-23(4,5)6)15(18-10)2
InchiKey: XYVSGYLYEFHXSU-UHFFFAOYSA-N
Formula: C₁₅H₃₂O₆Si₃
SMILES: C[Si](C)(C)OC1OC2C(O[Si](C)(C)C)C(=O)OC2C1O[Si](C)(C)C
Mol. weight [g/mol]: 392.67

Physical Properties

Property code	Value	Unit	Source
logp	2.928		Crippen Method
rinpol	1815.60		NIST Webbook

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380160&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

rinpol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/17-284-8/D-Glucuronic-acid-gamma-lactone-tris-trimethylsilyl-ether-isomer-1.pdf>

Generated by Cheméo on 2026-07-22 06:59:40.766848175 +0000 UTC m=+214676.608733608.

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