

Mucic acid, TMS # 1

Inchi: InChI=1S/C24H58O8Si6/c1-33(2,3)27-19(21(29-35(7,8)9)23(25)31-37(13,14)15)20(28-32)16-18
InchiKey: AFNUGMFTFWKGLV-UHFFFAOYSA-N
Formula: C24H58O8Si6
SMILES: C[Si](C)(C)OC(=O)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(=O)O
Mol. weight [g/mol]: 643.23

Physical Properties

Property code	Value	Unit	Source
log10ws	7.30		Crippen Method
logp	6.623		Crippen Method
rinpol	1946.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R401206&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/69-746-8/Mucic-acid-TMS-1.pdf>

Generated by Cheméo on 2024-04-27 08:34:29.038630689 +0000 UTC m=+16496117.959208001.

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