

d-Fructose, 1,3,4,5-tetrakis-O-(trimethylsilyl)-, o-methyloxime, 6-[bis(trimethylsilyl)

Other names: Fructose-6-phosphate, MEOX-6TMS
Inchi: InChI=1S/C25H64NO9PSi6/c1-28-26-22(20-30-37(2,3)4)24(32-39(8,9)10)25(33-40(11,12)31)6
InchiKey: PYLXLHQAZZMFRY-UHFFFAOYSA-N
Formula: C25H64NO9PSi6
SMILES: CON=C(CO[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(COP(=O)(O[Si](C)(C)C)O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 722.26
CAS: 55530-74-0

Physical Properties

Property code	Value	Unit	Source
log10ws	4.95		Crippen Method
logp	8.328		Crippen Method
rinpola	2321.00		NIST Webbook
rinpola	2321.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C55530740&Units=SI>

Legend

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

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