2,2,4,4,6,6,8,10-octamethyl-8,10-diphenyl-[1,3,5,7,9

Inchi: InChI=1S/C20H34O5Si5/c1-26(2)21-27(3,4)23-29(7,19-15-11-9-12-16-19)25-30(8,24-28(
InchiKey: NHZUQLZLWZSQKI-UHFFFAOYSA-N
Formula: C20H34O5Si5
SMILES: C[Si]1(C)O[Si](C)(C)O[Si](C)(c2ccccc2)O[Si](C)(c2ccccc2)O[Si](C)(C)O1
Mol. weight [g/mol]: 494.91

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.85		Crippen Method
logp	4.147		Crippen Method
rinpol	2025.00		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=R254367&Units=SI

Legend

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