

2,2,4,4,6,6,8,8-octamethyl-10,10,12,12-tetraphenyl-

Inchi:	InChI=1S/C32H44O6Si6/c1-39(2)33-40(3,4)35-42(7,8)37-44(31-25-17-11-18-26-31,32-2
InchiKey:	AJWGXDZHTUSPR-UHFFFAOYSA-N
Formula:	C32H44O6Si6
SMILES:	C[Si]1(C)O[Si](C)(C)O[Si](C)(C)O[Si](c2ccccc2)(c2ccccc2)O[Si](c2ccccc2)(c2ccccc2)O[S
Mol. weight [g/mol]:	693.20

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.76		Crippen Method
logp	5.420		Crippen Method
rinpol	2971.00		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=R254481&Units=SI

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/72-023-6/2-2-4-4-6-6-8-8-octamethyl-10-10-12-12-tetraphenyl-1-3-5-7-9-11-2-4-6-8-10->

Generated by Cheméo on 2024-04-29 07:02:01.81869111 +0000 UTC m=+16663370.739268422.

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