

2,4,6,8-Tetraethyl-2,4,6,8-tetraphenylcyclotetrasiloxane

Inchi: InChI=1S/C32H40O4Si4/c1-5-37(29-21-13-9-14-22-29)33-38(6-2,30-23-15-10-16-24-30)
InchiKey: URKMNLMHYZUKTC-UHFFFAOYSA-N
Formula: C32H40O4Si4
SMILES: CC[Si]1(c2ccccc2)O[Si](CC)(c2ccccc2)O[Si](CC)(c2ccccc2)O[Si](CC)(c2ccccc2)O1
Mol. weight [g/mol]: 601.00
CAS: 18758-34-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.32		Crippen Method
logp	5.544		Crippen Method

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C18758344&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/77-235-6/2-4-6-8-Tetraethyl-2-4-6-8-tetraphenylcyclotetrasiloxane.pdf>

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