

Silane, tetrakis(triphenylsiloxy)-

Inchi: InChI=1S/C72H60O4Si5/c1-13-37-61(38-14-1)77(62-39-15-2-16-40-62,63-41-17-3-18-42
InchiKey: NAAZPDFYSSSVCN-UHFFFAOYSA-N
Formula: C72H60O4Si5
SMILES: c1ccc([Si](O[Si](O[Si](c2ccccc2)(c2ccccc2)c2ccccc2)(O[Si](c2ccccc2)(c2ccccc2)c2ccccc2
Mol. weight [g/mol]: 1129.67
CAS: 6231-36-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-55.29		Crippen Method
logp	8.157		Crippen Method

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C6231363&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

Latest version available from:

<https://www.chemeo.com/cid/67-419-3/Silane-tetrakis-triphenylsiloxy.pdf>

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