Silane, diphenylheptadecyloxy(2,2,3,3,3-pentafluoroprop

Inchi: InChI=1S/C32H47F5O2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-22-27-38-40(29-23-18-1

InchiKey: UXFMXCDFUPGDCZ-UHFFFAOYSA-N

Formula: C32H47F5O2Si

SMILES: CCCCCCCCCCCCCCCCCO[Si](OCC(F)(F)C(F)(F)F)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 586.79

Physical Properties

Property code	Value	Unit	Source
logp	9.345		Crippen Method
rinpol	2979.00		NIST Webbook
tb	690.69	K	Cheméo Relay (1.0)
tf	293.08	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U368130&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

tb: Normal Boiling Point Temperature

tf: Normal melting (fusion) point

Latest version available from:
https://www.chemeo.com/cid/54-372-9/Silane-diphenylheptadecyloxy-2-2-3-3-3-pentafluoropropoxy.pdf
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