

2-Diphenyl(tert-butyl)silyloxynaphthalene

Inchi: InChI=1S/C26H26OSi/c1-26(2,3)28(24-14-6-4-7-15-24,25-16-8-5-9-17-25)27-23-19-18-2
InchiKey: LNEXTCCBBXVXLX-UHFFFAOYSA-N
Formula: C₂₆H₂₆OSi
SMILES: CC(C)(C)[Si](Oc1ccc2ccccc2c1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 382.57
CAS: 929709-34-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.89		Crippen Method
logp	5.779		Crippen Method
rinpol	2796.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C929709342&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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