

1,11-Di(1-phenylpropyl)-2,2,4,4,6,6,8,8,10,10-decamethyl-1,3,5,7,9,11-hexaoxa-2,4,6,8,10-dioxane

Other names:	1,11-Di(1-phenylpropoxy)-2,2,4,4,6,6,8,8,10,10-decamethyl-1,3,5,7,9,11-hexaoxa-2,4,6,8,10-dioxane
Inchi:	InChI=1S/C28H52O6Si5/c1-13-27(25-21-17-15-18-22-25)29-35(3,4)31-37(7,8)33-39(11,12)32-40
InchiKey:	UKQBJJRRJMNERZ-UHFFFAOYSA-N
Formula:	C28H52O6Si5
SMILES:	CCC(O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)OC(CC)c1cccc1)c1cccc1
Mol. weight [g/mol]:	625.14

Physical Properties

Property code	Value	Unit	Source
log10ws	1.64		Crippen Method
logp	8.898		Crippen Method
rinpol	2556.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U347288&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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

Latest version available from:

<https://www.cheméo.com/cid/87-930-3/1-11-Di-1-phenylpropyl-2-2-4-4-6-6-8-8-10-10-decamethyl-1-3-5-7-9-11-hexaoxa-2,4,6,8,10-dioxane>

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