

Silane, dimethyl(4-phenoxybenzyloxy)heptyloxy-

Inchi:	InChI=1S/C22H32O3Si/c1-4-5-6-7-11-18-23-26(2,3)24-19-20-14-16-22(17-15-20)25-21-1
InchiKey:	HHCFFUZPJXPCFU-UHFFFAOYSA-N
Formula:	C22H32O3Si
SMILES:	CCCCCCCO[Si](C)(C)OCc1ccc(Oc2ccccc2)cc1
Mol. weight [g/mol]:	372.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.56		Crippen Method
logp	6.684		Crippen Method
rinpol	2432.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U347403&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.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.chemeo.com/cid/42-944-7/Silane-dimethyl-4-phenoxybenzyloxy-heptyloxy.pdf>

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