

4-Diphenylmethylsilyloxy-2-methyloct-5-yne

Inchi:	InChI=1S/C22H28OSi/c1-5-6-13-20(18-19(2)3)23-24(4,21-14-9-7-10-15-21)22-16-11-8-1
InchiKey:	SIEKODDFLZFEHL-UHFFFAOYSA-N
Formula:	C22H28OSi
SMILES:	CCC#CC(CC(C)C)O[Si](C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	336.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.00		Crippen Method
logp	4.221		Crippen Method
rinpol	2098.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U299485&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
rinpol:	Non-polar retention indices

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<https://www.chemeo.com/cid/13-863-9/4-Diphenylmethylsilyloxy-2-methyloct-5-yne.pdf>

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