

Nonanamide, N-[[3-methoxy-4-[(trimethylsilyl)oxy]phenyl]methyl]

Other names:	Dihydrocapsaicin, trimethylsilyl ether
Inchi:	InChI=1S/C21H37NO3Si/c1-17(2)11-9-7-8-10-12-21(23)22-16-18-13-14-19(20(15-18)24-
InchiKey:	BWVBEXFFBZEWHO-UHFFFAOYSA-N
Formula:	C21H37NO3Si
SMILES:	COc1cc(CNC(=O)CCCCCCC(C)C)ccc1O[Si](C)(C)C
Mol. weight [g/mol]:	379.61
CAS:	56784-16-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.39		Crippen Method
logp	5.522		Crippen Method
rinpola	2663.40		NIST Webbook
rinpola	2663.40		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C56784168&Units=SI

Legend

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

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