

Trimethylsilyl 2-(1-naphthyl)acetate

Other names:	1-Naphthaleneacetic acid, trimethylsilyl ester
Inchi:	InChI=1S/C15H18O2Si/c1-18(2,3)17-15(16)11-13-9-6-8-12-7-4-5-10-14(12)13/h4-10H,1
InchiKey:	FUAQQDROLSPOHA-UHFFFAOYSA-N
Formula:	C15H18O2Si
SMILES:	C[Si](C)(C)OC(=O)Cc1cccc2ccccc12
Mol. weight [g/mol]:	258.39
CAS:	959294-94-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.25		Crippen Method
logp	3.760		Crippen Method
rinpol	1828.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C959294941&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/36-258-6/Trimethylsilyl-2-1-naphthyl-acetate.pdf>

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