

trans-2-Decen-1-ol, picolinyloxydimethylsilyl ether

Inchi:	InChI=1S/C18H31NO2Si/c1-4-5-6-7-8-9-10-11-15-20-22(2,3)21-17-18-13-12-14-19-16-1
InchiKey:	KIYJUYUGVTXJGE-ZHACJKMWSA-N
Formula:	C18H31NO2Si
SMILES:	CCCCCCC=CCO[Si](C)(C)OCc1ccnc1
Mol. weight [g/mol]:	321.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.80		Crippen Method
logp	5.233		Crippen Method
rinpol	2137.20		NIST Webbook
rinpol	2137.20		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352668&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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

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<https://www.cheméo.com/cid/118-366-5/trans-2-Decen-1-ol-picolinyloxydimethylsilyl-ether.pdf>

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