

1-Dodecanol, picolinyloxydimethylsilyl ether

Inchi:	InChI=1S/C20H37NO2Si/c1-4-5-6-7-8-9-10-11-12-13-17-22-24(2,3)23-19-20-15-14-16-2
InchiKey:	FFGFMXOOKASJGA-UHFFFAOYSA-N
Formula:	C20H37NO2Si
SMILES:	CCCCCCCCCCCCO[Si](C)(C)OCc1cccnc1
Mol. weight [g/mol]:	351.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.78		Crippen Method
logp	6.238		Crippen Method
rinpol	2332.30		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U334108&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/116-172-2/1-Dodecanol-picolinyloxydimethylsilyl-ether.pdf>

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