1-Dodecanol, picolinyloxydimethylsilyl ether

Inchi: InChI=1S/C20H37NO2Si/c1-4-5-6-7-8-9-10-11-12-13-17-22-24(2,3)23-19-20-15-14-16-21
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
rinpol	2332.30		NIST Webbook

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