

5-Hydroxyindole, trimethylsilyl ether

Other names:	5-[(Trimethylsilyl)oxy]-1H-indole Indole, 5-hydroxy, mono-TMS Indole, 5-hydroxy, TMS Indol-5-ol, tms derivative
Inchi:	InChI=1S/C11H15NOSi/c1-14(2,3)13-10-4-5-11-9(8-10)6-7-12-11/h4-8,12H,1-3H3
InchiKey:	ZLWCUPHSUGLGCP-UHFFFAOYSA-N
Formula:	C11H15NOSi
SMILES:	<chem>C[Si](C)(C)Oc1ccc2[nH]ccc2c1</chem>
Mol. weight [g/mol]:	205.33

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.50		Crippen Method
logp	2.900		Crippen Method
rinpol	1726.00		NIST Webbook
rinpol	1682.10		NIST Webbook
rinpol	1726.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333385&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

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