

2,5-Bis(trimethylsilyl)furan

Inchi:	InChI=1S/C10H20OSi2/c1-12(2,3)9-7-8-10(11-9)13(4,5)6/h7-8H,1-6H3
InchiKey:	WRTMWEMDOPVALX-UHFFFAOYSA-N
Formula:	C10H20OSi2
SMILES:	C[Si](C)(C)c1ccc([Si](C)(C)C)o1
Mol. weight [g/mol]:	212.44
CAS:	1578-29-6

Physical Properties

Property code	Value	Unit	Source
ie	7.80	eV	NIST Webbook
ie	8.16	eV	NIST Webbook
ie	8.12	eV	NIST Webbook
log10ws	-10.54		Crippen Method
logp	2.370		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1578296&Units=SI

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/93-288-0/2-5-Bis-trimethylsilyl-furan.pdf>

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