n-Butylamine, N,N-bis(trimethylsilyl)

Other names:	n-Butyl(trimethyl)-N-(trimethylsilyl)silanamine
	1-Butanamine, bis-TMS
	N-butylamine, 2tms derivative
Inchi:	InChI=1S/C10H27NSi2/c1-8-9-10-11(12(2,3)4)13(5,6)7/h8-10H2,1-7H3
InchiKey:	VJVMYSNNXQHHFU-UHFFFAOYSA-N
Formula:	C10H27NSi2
SMILES:	CCCCN([Si](C)(C)C)[Si](C)(C)C
Mol. weight [g/mol]:	217.50
CAS:	18394-04-2

Physical Properties

Property code	Value	Unit	Source
log10ws	1.32		Crippen Method
logp	3.758		Crippen Method
rinpol	1115.00		NIST Webbook
rinpol	1123.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18394042&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