Amine, N,N,N-tris((trimethylsilyloxy)ethyl)-

Other names:	Triethylamine, 2,2',2''-tris(trimethylsiloxy)-
	Nitrilotris(ethyleneoxy)tris(trimethylsilane)
	Triethanolamine, O,O',O''-tris(trimethylsilyl)-
	Tris[2-(trimethylsiloxy)ethyl]amine
	N,N,N-Tris(2-[(trimethylsilyl)oxy]ethyl)amine
	tris(2-(Trimethylsilyloxy)ethyl]amine
	Triethylamine, 2,2',2''-trimethylsilyloxy-
Inchi:	InChI=1S/C15H39NO3Si3/c1-20(2,3)17-13-10-16(11-14-18-21(4,5)6)12-15-19-22(7,8)9/h
InchiKey:	HENDLKHWFJNWGE-UHFFFAOYSA-N
Formula:	C15H39NO3Si3
SMILES:	C[Si](C)(C)OCCN(CCO[Si](C)(C)C)CCO[Si](C)(C)C
Mol. weight [g/mol]:	365.73
CAS:	20836-42-4

Physical Properties

Property code	Value	Unit	Source
ie	7.94	eV	NIST Webbook
log10ws	3.91		Crippen Method
logp	3.843		Crippen Method
rinpol	1645.00		NIST Webbook
rinpol	1646.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C20836424&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

ie:	Ionization energy

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices