

Acetamide, 2,2,2-trifluoro-O,N-bis(trimethylsilyl)-

Other names:	N,O-Bis(trimethylsilyl)trifluoroacetamide Ethanimidic acid, 2,2,2-trifluoro-N-(trimethylsilyl)-, trimethylsilyl ester BSTFA N,O-BSTFA Acetamide, 2,2,2-trifluoro-O,N-bis(trimethylsilyl)- trimethylsilyl 2,2,2-trifluoro-N-(trimethylsilyl)acetimidate
Inchi:	InChI=1S/C8H18F3NOSi2/c1-14(2,3)12-7(8(9,10)11)13-15(4,5)6/h1-6H3
InchiKey:	XCOBLONWWXQEBS-UHFFFAOYSA-N
Formula:	C8H18F3NOSi2
SMILES:	C[Si](C)(C)N=C(O[Si](C)(C)C)C(F)(F)F
Mol. weight [g/mol]:	257.40

Physical Properties

Property code	Value	Unit	Source
logp	3.634		Crippen Method
rinpol	887.00		NIST Webbook
rinpol	887.00		NIST Webbook

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	320.50 ± 2.50	K	2.00	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C25561302&Units=SI

Legend

logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
tbrp:	Boiling point at reduced pressure

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