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