

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

Other names:	Bis(trimethylsilyl)trifluoroacetamide N,N-BSTFA N,N-Bis(Trimethylsilyl)trifluoroacetamide trimethylsilyl N-trimethylsilyltrifluoroacetimidate
Inchi:	InChI=1S/C8H18F3NOSi2/c1-14(2,3)12(15(4,5)6)7(13)8(9,10)11/h1-6H3
InchiKey:	RZYHXKJKJRGJGP-UHFFFAOYSA-N
Formula:	C8H18F3NOSi2
SMILES:	C[Si](C)(C)N(C(=O)C(F)(F)F)[Si](C)(C)C
Mol. weight [g/mol]:	257.40
CAS:	21149-38-2

Physical Properties

Property code	Value	Unit	Source
log10ws	1.72		Crippen Method
logp	3.047		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	321.50 ± 1.50	K	1.90	NIST Webbook

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=C21149382&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
tbrp:	Boiling point at reduced pressure

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