N-Trimethylsilylacetamide

Other names:	Trimethylsilylacetamide
	Acetamide, N-(trimethylsilyl)-
	CT3250
Inchi:	InChI=1S/C5H13NOSi/c1-5(7)6-8(2,3)4/h1-4H3,(H,6,7)
InchiKey:	LWFWUJCJKPUZLV-UHFFFAOYSA-N
Formula:	C5H13NOSi
SMILES:	CC(=O)N[Si](C)(C)C
Mol. weight [g/mol]:	131.25

Physical Properties

Property code	Value	Unit	Source
hf	-410.95	kJ/mol	Cheméo Relay (1.0)
ie	9.21	eV	Cheméo Relay (1.0)
logp	0.957		Crippen Method
tb	458.50 ± 0.50	K	NIST Webbook
tf	294.38	K	Cheméo Relay (1.0)

Sources

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=C13435126&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hf:	Enthalpy of formation at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature

tf: Normal melting (fusion) point