L-Methionine, N-(trifluoroacetyl)-, trimethylsilyl ester

Other names: Trimethylsilyl 4-(methylsulfanyl)-2-[(trifluoroacetyl)amino]butanoate
L-methionine, n-(trifluoroacetyl)-, tms derivative

Inchi: InChI=1S/C10H18F3NO3SSi/c1-18-6-5-7(8(15)17-19(2,3)4)14-9(16)10(11,12)13/h7H,5-6

InchiKey: XTJJUKGBAFRTRJ-UHFFFAOYSA-N

Formula: C10H18F3NO3SSi

SMILES: CSCCC(NC(=O)C(F)(F)F)C(=O)O[Si](C)(C)C

Mol. weight [g/mol]: 317.40

CAS: 52558-92-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.54		Crippen Method
logp	2.165		Crippen Method
rinpol	1463.10		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C52558926&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices