L-Tryptophan, N,1-bis(trifluoroacetyl)-, trimethylsilyl ester

Other names:	L-Tryptophan, N,N'-di(trifluoroacetyl)-, trimethylsilyl ester Trimethylsilyl 2-[(trifluoroacetyl)amino]-3-[1-(trifluoroacetyl)-1H-indol-3-yl]propanoate
Inchi:	InChI=1S/C18H18F6N2O4Si/c1-31(2,3)30-14(27)12(25-15(28)17(19,20)21)8-10-9-26(16
InchiKey:	NBYQGSUOFPKPRP-LBPRGKRZSA-N
Formula:	C18H18F6N2O4Si
SMILES:	C[Si](C)(C)OC(=O)C(Cc1cn(C(=O)C(F)(F)F)c2ccccc12)NC(=O)C(F)(F)F
Mol. weight [g/mol]:	468.42
CAS:	52558-86-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.02		Crippen Method
logp	3.811		Crippen Method
rinpol	1973.80		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C52558868&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices