

L-Glutamine, N,N'-di(trifluoroacetyl)-, trimethylsilyl ester

Inchi: InChI=1S/C12H16F6N2O5Si/c1-26(2,3)25-8(22)6(19-9(23)11(13,14)15)4-5-7(21)20-10(2)
InchiKey: IDSYCOPOHSKBKO-UHFFFAOYSA-N
Formula: C12H16F6N2O5Si
SMILES: C[Si](C)(C)OC(=O)C(CCC(=O)NC(=O)C(F)(F)F)NC(=O)C(F)(F)F
Mol. weight [g/mol]: 410.34

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.90		Crippen Method
logp	1.397		Crippen Method
rinpol	1512.60		NIST Webbook
rinpol	1512.60		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=U352337&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/122-924-0/L-Glutamine-N-N-di-trifluoroacetyl-trimethylsilyl-ester.pdf>

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