4-Aminobenzoic acid, N-trifluoroacetyl-, trimethylsilyl ester

Inchi: InChI=1S/C12H14F3NO3Si/c1-20(2,3)19-10(17)8-4-6-9(7-5-8)16-11(18)12(13,14)15/h4-7

InchiKey: QUKQQUVXDFDGEM-UHFFFAOYSA-N

Formula: C12H14F3NO3Si

SMILES: C[Si](C)(C)OC(=O)c1ccc(NC(=O)C(F)(F)F)cc1

Mol. weight [g/mol]: 305.33

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.47		Crippen Method
logp	3.179		Crippen Method
rinpol	1662.00		NIST Webbook
rinpol	1662.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U375128&Units=SI

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

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices