

Anthranilic acid, N-heptafluorobutyryl, N,O-bis(trimethylsilyl)-

Inchi: InChI=1S/C17H22F7NO3Si2/c1-29(2,3)25(14(27)15(18,19)16(20,21)17(22,23)24)12-10-6
InchiKey: YMSDXSPDIQFFRJ-UHFFFAOYSA-N
Formula: C17H22F7NO3Si2
SMILES: C[Si](C)(C)OC(=O)c1ccccc1N(C(=O)C(F)(F)C(F)(F)C(F)(F)F)[Si](C)(C)C
Mol. weight [g/mol]: 477.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.72		Crippen Method
logp	5.679		Crippen Method
rinpol	1561.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375143&Units=SI>

Legend

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

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