

2-Aminobenzoic acid, N-heptafluorobutyryl-, tert.-butyldimethylsilyl ester

Inchi: InChI=1S/C17H20F7NO3Si/c1-14(2,3)29(4,5)28-12(26)10-8-6-7-9-11(10)25-13(27)15(18)
InchiKey: REWUQESSVLUPIL-UHFFFAOYSA-N
Formula: C17H20F7NO3Si
SMILES: CC(C)(C)[Si](C)(C)OC(=O)c1cccc1NC(=O)C(F)(F)C(F)(F)C(F)(F)F
Mol. weight [g/mol]: 447.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.19		Crippen Method
logp	5.620		Crippen Method
rinpol	1740.00		NIST Webbook
rinpol	1740.00		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=U375099&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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<https://www.chemeo.com/cid/113-777-4/2-Aminobenzoic-acid-N-heptafluorobutyryl-tert-butyldimethylsilyl-ester.pdf>

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