

4-Aminobenzoic acid, N,N-bis(pentafluoropropionyl)-, tert.-butyldimethylsilyl ester

InChI: InChI=1S/C19H19F10NO4Si/c1-15(2,3)35(4,5)34-12(31)10-6-8-11(9-7-10)30(13(32)16(2)17(33)14(34)18(35)36)/p1
InChIKey: JXSNMOWCOBVCLX-UHFFFAOYSA-N

Formula: C19H19F10NO4Si

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

Mol. weight [g/mol]: 543.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.94		Crippen Method
logp	6.103		Crippen Method
rinpol	1642.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375092&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

Latest version available from:

<https://www.chemeo.com/cid/59-260-8/4-Aminobenzoic-acid-N-N-bis-pentafluoropropionyl-tert-butyldimethylsilyl-ester>

Generated by Cheméo on 2025-12-05 07:34:37.009807569 +0000 UTC m=+4668274.539848229.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.