Benzoic acid, 4-amino-, tert-butyldimethylsilyl ester

Other names: tert-Butyl(dimethyl)silyl 4-aminobenzoate
Inchi: InChI=1S/C13H21NO2Si/c1-13(2,3)17(4,5)16-12(15)10-6-8-11(14)9-7-10/h6-9H,14H2,1-
InchiKey: VUPIPMFSIIDWGU-UHFFFAOYSA-N
Formula: C13H21NO2Si
SMILES: CC(C)(C)[Si](C)(C)OC(=O)c1ccc(N)cc1
Mol. weight [g/mol]: 251.40
CAS: 155056-93-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.49		Crippen Method
logp	3.431		Crippen Method
rinpol	1919.00		NIST Webbook
rinpol	1908.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C155056932&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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