

4-Aminobenzoic acid, N- acetyl -, N,O-bis(tert.-butyldimethylsilyl)-

Inchi: InChI=1S/C21H37NO3Si2/c1-16(23)22(26(8,9)20(2,3)4)18-14-12-17(13-15-18)19(24)25-
InchiKey: XBUHPAKHMOEDMI-UHFFFAOYSA-N
Formula: C21H37NO3Si2
SMILES: CC(=O)N(c1ccc(C(=O)O[Si](C)(C)C(C)(C)C)cc1)[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 407.69

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -2.10 | | Crippen Method |
| logp | 6.207 | | Crippen Method |
| rinpol | 2336.00 | | NIST Webbook |
| rinpol | 2336.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375097&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/56-435-7/4-Aminobenzoic-acid-N-acetyl-N-O-bis-tert-butyldimethylsilyl.pdf>

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