

# 6-Hydroxynicotinic acid, tert-butyldimethylsilyl ether, tert-butyldimethylsilyl ester

Other names: 6-Hydroxynicotinic acid, 2thdms derivative

Inchi: InChI=1S/C18H33NO3Si2/c1-17(2,3)23(7,8)21-15-12-11-14(13-19-15)16(20)22-24(9,10)

InchiKey: WISWOGPTZSFKOG-UHFFFAOYSA-N

Formula: C18H33NO3Si2

SMILES: CC(C)(C)[Si](C)(C)OC(=O)c1ccc(O[Si](C)(C)C(C)(C)C)nc1

Mol. weight [g/mol]: 367.63

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -1.89   |      | Crippen Method |
| logp          | 5.628   |      | Crippen Method |
| rinpol        | 2047.20 |      | NIST Webbook   |
| rinpol        | 2047.20 |      | NIST Webbook   |

## Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352493&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: [https://www.chemeo.com/doc/models/crippen\\_log10ws](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

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