

# 3-Hydroxyanthranilic acid, O-(tert-butyl(dimethylsilyl)-, tert-butyl(dimethylsilyl) ester

Other names: tert-Butyl(dimethylsilyl) 3-hydroxyanthranilate, tert-butyl(dimethylsilyl)oxymorphobenzoate, 3-Hydroxyanthranilic acid, 2tbdms derivative

**Inchi:** InChI=1S/C19H35NO3Si2/c1-18(2,3)24(7,8)22-15-13-11-12-14(16(15)20)17(21)23-25(9,10)26-19  
**InchiKey:** ATJBAYONPISZBI-UHFFFAOYSA-N  
**Formula:** C19H35NO3Si2  
**SMILES:** CC(C)(C)[Si](C)(C)OC(=O)c1ccc(O[Si](C)(C)C(C)(C)C)c1N  
**Mol. weight [g/mol]:** 381.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.76		Crippen Method
logp	5.815		Crippen Method
rinpol	2260.80		NIST Webbook
rinpol	2260.80		NIST Webbook

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U332862&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

Latest version available from:

[https://www.chemeo.com/cid/121-191-5/3-Hydroxyanthranilic-acid-O-tert-butyl\(dimethylsilyl\)-tert-butyl\(dimethylsilyl\)-ester](https://www.chemeo.com/cid/121-191-5/3-Hydroxyanthranilic-acid-O-tert-butyl(dimethylsilyl)-tert-butyl(dimethylsilyl)-ester)

Generated by Cheméo on 2024-05-06 19:11:30.127788141 +0000 UTC m=+17311939.048365453.

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