

# 3-Indoleacetic acid, N-(tert-butyldimethylsilyl)-, tert-butyldimethylsilyl ester

Other names:

3-Indoleacetic acid, 2th dms derivative

Inchi: InChI=1S/C22H37NO2Si2/c1-21(2,3)26(7,8)23-16-17(18-13-11-12-14-19(18)23)15-20(24)

InchiKey: BCKSWQNIPZLCEE-UHFFFAOYSA-N

Formula: C22H37NO2Si2

SMILES: CC(C)(C)[Si](C)(C)OC(=O)Cc1cn([Si](C)(C)C(C)(C)C)c2ccccc12

Mol. weight [g/mol]: 403.71

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.10		Crippen Method
logp	6.586		Crippen Method
rinpol	2421.90		NIST Webbook
rinpol	2421.90		NIST Webbook

## Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333992&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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