

3-Iodo-L-tyrosine, N,O-bis(tert-butyl dimethylsilyl)-, tert-butyl dimethylsilyl ester

Other names: 3-Iodo-L-tyrosine 3-Iodo-L-tyrosine derivative
Inchi: InChI=1S/C27H52INO3Si3/c1-25(2,3)33(10,11)29-22(24(30)32-35(14,15)27(7,8)9)19-20
InchiKey: RUGMWTGJOHDGMG-UHFFFAOYSA-N
Formula: C27H52INO3Si3
SMILES: CC(C)(C)[Si](C)(C)NC(Cc1ccc(O[Si](C)(C)C(C)(C)C)c(I)c1)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 649.87

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.39		Crippen Method
logp	8.729		Crippen Method
rinpol	2986.80		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333511&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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