

N-(3-Bromo-4-hydroxy-phenyl)-4-nitro-benzenesulfonamide-N,O-di(tert.-butyldimethylsilyl)-

InChI: CC(C)(C)[Si](C)(C)Oc1ccc(N([Si](C)(C)C(C)(C)C)S(=O)(=O)c2ccc([N+](=O)[O-])cc2)cc1
InChIKey: BZEYTWSTAFSKJO-UHFFFAOYSA-N
Formula: C₂₄H₃₇BrN₂O₅SSi₂
SMILES: CC(C)(C)[Si](C)(C)Oc1ccc(N([Si](C)(C)C(C)(C)C)S(=O)(=O)c2ccc([N+](=O)[O-])cc2)cc1E
Mol. weight [g/mol]: 601.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.10		Crippen Method
logp	7.942		Crippen Method
rinpol	3336.00		NIST Webbook
rinpol	3336.00		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=U374409&Units=SI>

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/56-200-7/N-3-Bromo-4-hydroxy-phenyl-4-nitro-benzenesulfonamide-N-O-di-tert-butyldimethylsilyl->

Generated by Cheméo on 2024-04-17 17:52:20.511387604 +0000 UTC m=+15665589.431964927.

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