5,6-Dichloro-1,3-benzothiazol-2-(N-trimethylsilyl)a

Other names: 2-Benzothiazolamine, 2-(N-trimethylsilyl)-5,6-dichloro-
Inchi: InChI=1S/C10H12Cl2N2SSi/c1-16(2,3)14-10-13-8-4-6(11)7(12)5-9(8)15-10/h4-5H,1-3H3
InchiKey: VQAVOBSSXMRRDH-UHFFFAOYSA-N
Formula: C10H12Cl2N2SSi
SMILES: C[Si](C)(C)Nc1nc2cc(Cl)c(Cl)cc2s1
Mol. weight [g/mol]: 291.27

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.07		Crippen Method
logp	4.850		Crippen Method
rinpol	2107.00		NIST Webbook
rinpol	2107.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373058&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices