4-Chloro-N-(2-hydroxypropionyl)-benzenesulfona
N,O-di(tert.-butyldimethylsilyl)-

Inchi: InChI=1S/C21H38ClNO4SSi2/c1-16(27-30(10,11)21(5,6)7)19(24)23(29(8,9)20(2,3)4)28(2

InchiKey: AUMHSXVVOJSJKI-UHFFFAOYSA-N

Formula: C21H38ClNO4SSi2

SMILES: CC(O[Si](C)(C)C(C)(C)C)C(=O)N([Si](C)(C)C(C)(C)C)S(=O)(=O)c1ccc(Cl)cc1

Mol. weight [g/mol]: 492.22

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.35		Crippen Method
logp	6.273		Crippen Method
rinpol	2563.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U374379&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices