

N-(2-Hydroxy-1-phenyl-ethyl)-benzenesulfonamide-N,O-di(trimethylsilyl)-

InChIKey:

InChI=1S/C20H31NO3SSi2/c1-26(2,3)21(25(22,23)19-15-11-8-12-16-19)20(17-24-27(4,5)28)18-20/s1

Formula:

C₂₀H₃₁NO₃SSi₂

SMILES:

C[Si](C)(C)OCC(c1ccccc1)N([Si](C)(C)C)S(=O)(=O)c1ccccc1

Mol. weight [g/mol]:

421.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.92		Crippen Method
logp	5.105		Crippen Method
rinpol	2480.00		NIST Webbook
rinpol	2480.00		NIST Webbook

Sources

- NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374421&Units=SI>
- Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
- Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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