

N-(2-Hydroxy-1-phenyl-ethyl)-benzenesulfonamid

InChI: CC1=CC=CC=C1C(O)CCNS(=O)(=O)C2=CC=CC=C2
InChIKey: DFFHQQYASVQYELW-UHFFFAOYSA-N

Formula: C₁₇H₂₃NO₃SSi
SMILES: C[Si](C)(C)OCC(NS(=O)(=O)c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 349.52

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -2.23 | | Crippen Method |
| logp | 3.558 | | Crippen Method |
| rinpol | 2390.00 | | NIST Webbook |
| rinpol | 2390.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374813&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/116-686-2/N-2-Hydroxy-1-phenyl-ethyl-benzenesulfonamide-O-trimethylsilyl.pdf>

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