

N-(4-Morpholin-4-yl-phenyl)-2-nitro-benzenesulfonamide-N-trimethylsilyl-

InChI: CC1(C)N(C)C2=CC=C(C=C2)S(=O)(=O)C3=CC=C(C=C3)N4CCOCC4
InChIKey: LOIWKURWDKOGQD-UHFFFAOYSA-N

Formula: C₁₉H₂₅N₃O₅SSi

SMILES: C[Si](C)(C)N(c1ccc(N2CCOCC2)cc1)S(=O)(=O)c1cccc1[N+](=O)[O-]

Mol. weight [g/mol]: 435.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.14		Crippen Method
logp	3.462		Crippen Method
rinpol	3236.00		NIST Webbook

Sources

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

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374816&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/36-725-7/N-4-Morpholin-4-yl-phenyl-2-nitro-benzenesulfonamide-N-trimethylsilyl.pdf>

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