

(-)-Norepinephrine, N-(tert-butyl dimethylsilyl)-, tris(tert-butyl dimethylsilyl) ether

Other names:

(-)-Norepinephrine, 4th Ims derivative

Inchi: InChI=1S/C32H67NO3Si4/c1-29(2,3)37(13,14)33-24-28(36-40(19,20)32(10,11)12)25-21

InchiKey: KRDXYGQTGZCUJI-UHFFFAOYSA-N

Formula: C32H67NO3Si4

SMILES: CC(C)(C)[Si](C)(C)NCC(O[Si](C)(C)C(C)(C)C)c1ccc(O[Si](C)(C)C(C)(C)C)c(O[Si](C)(C)C(C)(C)C)1

Mol. weight [g/mol]: 626.22

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -2.66 | | Crippen Method |
| logp | 11.112 | | Crippen Method |
| rinpol | 2730.90 | | NIST Webbook |
| rinpol | 2730.90 | | NIST Webbook |

Sources

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

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U334007&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/123-087-9/Norepinephrine-N-tert-butyl dimethylsilyl-tris-tert-butyl dimethylsilyl-ether.pdf>

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