

1,1-Diphenyl-2(n-methyl-n'-piperazino) ethanol

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|-----------------------------|--|
| Other names: | 2-(4-methylpiperazin-1-yl)-1,1-diphenylethanol |
| Inchi: | InChI=1S/C19H24N2O/c1-20-12-14-21(15-13-20)16-19(22,17-8-4-2-5-9-17)18-10-6-3-7- |
| InchiKey: | BNYKNAMROLCQRS-UHFFFAOYSA-N |
| Formula: | C19H24N2O |
| SMILES: | CN1CCN(CC(O)(c2ccccc2)c2ccccc2)CC1 |
| Mol. weight [g/mol]: | 296.41 |
| CAS: | 21579-78-2 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|--------|----------------|
| log10ws | -2.55 | | Crippen Method |
| logp | 2.170 | | Crippen Method |
| mcvol | 246.020 | ml/mol | McGowan Method |

Sources

| | |
|------------------------|---|
| McGowan Method: | http://link.springer.com/article/10.1007/BF02311772 |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=C21579782&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci990307l |
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |

Legend

| | |
|-----------------|-------------------------------------|
| log10ws: | Log10 of Water solubility in mol/l |
| logp: | Octanol/Water partition coefficient |
| mcvol: | McGowan's characteristic volume |

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<https://www.chemeo.com/cid/40-373-3/1-1-Diphenyl-2-n-methyl-n-piperazino-ethanol.pdf>

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