

# TROPICAMIDE

|                             |                                                                                                                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Other names:</b>         | Benzeneacetamide, N-ethyl-«alpha»-(hydroxymethyl)-N-(4-pyridinylmethyl)-<br>Mydriacyl<br>Mydriaticum<br>N-Ethyl-2-phenyl-N-(4-pyridylmethyl)hydracrylamide<br>component of Paremyd |
| <b>Inchi:</b>               | InChI=1S/C17H20N2O2/c1-2-19(12-14-8-10-18-11-9-14)17(21)16(13-20)15-6-4-3-5-7-15                                                                                                   |
| <b>InchiKey:</b>            | BGDKAVGWHJFAGW-UHFFFAOYSA-N                                                                                                                                                        |
| <b>Formula:</b>             | C17H20N2O2                                                                                                                                                                         |
| <b>SMILES:</b>              | CCN(Cc1ccncc1)C(=O)C(CO)c1ccccc1                                                                                                                                                   |
| <b>Mol. weight [g/mol]:</b> | 284.36                                                                                                                                                                             |

## Physical Properties

| Property code | Value   | Unit   | Source             |
|---------------|---------|--------|--------------------|
| log10ws       | -2.08   |        | Cheméo Relay (1.0) |
| logp          | 2.206   |        | Crippen Method     |
| mcvol         | 230.270 | ml/mol | McGowan Method     |
| tf            | 377.00  | K      | Cheméo Relay (1.0) |

## Sources

|                                  |                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NIST Webbook:</b>             | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C1508754&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C1508754&amp;Units=SI</a> |
| <b>McGowan Method:</b>           | <a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>                       |
| <b>Crippen Method:</b>           | <a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>                                   |
| <b>Crippen Method:</b>           | <a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>                           |
| <b>Cheméo Relay (1.0):</b>       |                                                                                                                                             |
| <b>Cheméo Relay (1.0, beta):</b> |                                                                                                                                             |

## Legend

|                 |                                     |
|-----------------|-------------------------------------|
| <b>log10ws:</b> | Log10 of Water solubility in mol/l  |
| <b>logp:</b>    | Octanol/Water partition coefficient |

**mcvol:** McGowan's characteristic volume  
**tf:** Normal melting (fusion) point

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