

# Quinaldine, 6-dimethylamino-

|                      |                                                                      |
|----------------------|----------------------------------------------------------------------|
| Other names:         | N,N,2-trimethylquinolin-6-amine                                      |
| Inchi:               | InChI=1S/C12H14N2/c1-9-4-5-10-8-11(14(2)3)6-7-12(10)13-9/h4-8H,1-3H3 |
| InchiKey:            | JGRWYZQONRFIFH-UHFFFAOYSA-N                                          |
| Formula:             | C12H14N2                                                             |
| SMILES:              | <chem>Cc1ccc2cc(N(C)C)ccc2n1</chem>                                  |
| Mol. weight [g/mol]: | 186.25                                                               |
| CAS:                 | 92-99-9                                                              |

## Physical Properties

| Property code | Value   | Unit   | Source         |
|---------------|---------|--------|----------------|
| log10ws       | -3.43   |        | Crippen Method |
| logp          | 2.609   |        | Crippen Method |
| mcvol         | 156.680 | ml/mol | McGowan Method |

## Sources

|                 |                                                                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| McGowan Method: | <a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>                   |
| NIST Webbook:   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C92999&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C92999&amp;Units=SI</a> |
| Crippen Method: | <a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>                               |
| Crippen Method: | <a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>                       |

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/68-477-8/Quinaldine-6-dimethylamino.pdf>

Generated by Cheméo on 2025-12-24 14:39:05.084288102 +0000 UTC m=+6335342.614328755.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.