# 2,3-Diphenylpyrazine

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|---|---|
| **Inchi:** | InChI=1S/C16H12N2/c1-3-7-13(8-4-1)15-16(18-12-11-17-15)14-9-5-2-6-10-14/h1-12H |
| **InchiKey:** | PTZIVVDMBCVSMR-UHFFFAOYSA-N |
| **Formula:** | C16H12N2 |
| **SMILES:** | c1ccc(-c2nccnc2-c2ccccc2)cc1 |
| **Mol. weight [g/mol]:** | 232.28 |
| **CAS:** | 1588-89-2 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -6.21 | | Crippen Method |
| logp | 3.811 | | Crippen Method |
| mcvol | 184.980 | ml/mol | McGowan Method |

## Sources

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|---|---|
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=C1588892&Units=SI |
| **Crippen Method:** | http://pubs.acs.org/doi/abs/10.1021/ci990307l |
| **Crippen Method:** | https://www.chemeo.com/doc/models/crippen_log10ws |
| **McGowan Method:** | http://link.springer.com/article/10.1007/BF02311772 |

## Legend

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

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