# 3-(P-phenylphenoxy)-2,5-dimethyl pyrazine

**Inchi:** InChI=1S/C18H16N2O/c1-13-12-19-14(2)18(20-13)21-17-10-8-16(9-11-17)15-6-4-3-5-7-
**InchiKey:** IBXDCIKMQLCFNL-UHFFFAOYSA-N
**Formula:** C18H16N2O
**SMILES:** Cc1cnc(C)c(Oc2ccc(-c3ccccc3)cc2)n1
**Mol. weight [g/mol]:** 276.33
**CAS:** 116660-20-9

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -6.19 | | Crippen Method |
| logp | 4.553 | | Crippen Method |
| mcvol | 219.030 | ml/mol | McGowan Method |

## Sources

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C116660209&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

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