# 2-Phenoxy-3-phenacyl pyrazine

**Inchi:** InChI=1S/C18H14N2O2/c21-17(14-7-3-1-4-8-14)13-16-18(20-12-11-19-16)22-15-9-5-2-6
**InchiKey:** MMWPKMQFJHFEGU-UHFFFAOYSA-N
**Formula:** C18H14N2O2
**SMILES:** O=C(Cc1nccnc1Oc1ccccc1)c1ccccc1
**Mol. weight [g/mol]:** 290.32
**CAS:** 116659-81-5

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -4.91 | | Crippen Method |
| logp | 3.694 | | Crippen Method |
| mcvol | 220.600 | 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=C116659815&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