# Homobaldrinal

**Inchi:** InChI=1S/C15H16O4/c1-10(2)5-15(17)19-8-12-7-18-9-14-11(6-16)3-4-13(12)14/h3-4,6-7
**InchiKey:** LTVSLKWNAZKBEX-UHFFFAOYSA-N
**Formula:** C15H16O4
**SMILES:** CC(C)CC(=O)OCc1cocc2c(C=O)ccc1-2
**Mol. weight [g/mol]:** 260.29
**CAS:** 67910-07-0

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -9.06 | | Crippen Method |
| logp | 3.286 | | Crippen Method |
| mcvol | 198.170 | ml/mol | McGowan Method |
| rinpol | 2154.40 | | NIST Webbook |

## Sources

**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
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C67910070&Units=SI

## Legend

**log10ws:** Log10 of Water solubility in mol/l
**logp:** Octanol/Water partition coefficient
**mcvol:** McGowan's characteristic volume
**rinpol:** Non-polar retention indices

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