# Benzamide, 2-methyl-N-propyl-

**Inchi:** InChI=1S/C11H15NO/c1-3-8-12-11(13)10-7-5-4-6-9(10)2/h4-7H,3,8H2,1-2H3,(H,12,13)
**InchiKey:** GYZQPZPWICRXQY-UHFFFAOYSA-N
**Formula:** C11H15NO
**SMILES:** CCCN=C(O)c1ccccc1C
**Mol. weight [g/mol]:** 177.24

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hf | -125.11 | kJ/mol | Joback Method |
| hvap | 63.09 | kJ/mol | Joback Method |
| log10ws | -2.67 | | Crippen Method |
| logp | 2.710 | | Crippen Method |
| mcvol | 153.640 | ml/mol | McGowan Method |
| pc | 2587.22 | kPa | Joback Method |
| rinpol | 1600.00 | | NIST Webbook |
| rinpol | 1600.00 | | NIST Webbook |
| tb | 651.48 | K | Joback Method |
| tc | 860.19 | K | Joback Method |

## Sources

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**Joback Method:** https://en.wikipedia.org/wiki/Joback_method
**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U407392&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

**hf:** Enthalpy of formation at standard conditions
**hvap:** Enthalpy of vaporization at standard conditions

| | |
|---|---|
| **log10ws:** | Log10 of Water solubility in mol/l |
| **logp:** | Octanol/Water partition coefficient |
| **mcvol:** | McGowan's characteristic volume |
| **pc:** | Critical Pressure |
| **rinpol:** | Non-polar retention indices |
| **tb:** | Normal Boiling Point Temperature |
| **tc:** | Critical Temperature |