# 2-PROPYLTHIAZOLE

**Other names:** 2-n-Propylthiazole
Thiazole, 2-propyl-
**Inchi:** InChI=1S/C6H9NS/c1-2-3-6-7-4-5-8-6/h4-5H,2-3H2,1H3
**InchiKey:** CMOIEFFAOUQJPS-UHFFFAOYSA-N
**Formula:** C6H9NS
**SMILES:** CCCc1nccs1
**Mol. weight [g/mol]:** 127.21

# Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| logp | 2.096 | | Crippen Method |
| mcvol | 102.270 | ml/mol | McGowan Method |
| rinpol | 981.00 | | NIST Webbook |
| rinpol | 969.00 | | NIST Webbook |
| ripol | 1372.00 | | NIST Webbook |
| ripol | 1381.00 | | NIST Webbook |
| tb | 437.62 | K | Cheméo Relay (1.0) |
| tf | 205.91 | K | Cheméo Relay (1.0) |

# Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C17626754&Units=SI
**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**Cheméo Relay (1.0):**
**Cheméo Relay (1.0, beta):**

# Legend

**logp:** Octanol/Water partition coefficient

| | |
|---|---|
| **mcvol:** | McGowan's characteristic volume |
| **rinpol:** | Non-polar retention indices |
| **ripol:** | Polar retention indices |
| **tb:** | Normal Boiling Point Temperature |
| **tf:** | Normal melting (fusion) point |