# Rhodanine, 5-cyclohexylidene-3-phenyl

**Inchi:** InChI=1S/C15H15NOS2/c17-14-13(11-7-3-1-4-8-11)19-15(18)16(14)12-9-5-2-6-10-12/h2
**InchiKey:** OLTSSWCGWALRTA-UHFFFAOYSA-N
**Formula:** C15H15NOS2
**SMILES:** O=C1C(=C2CCCCC2)SC(=S)N1c1ccccc1
**Mol. weight [g/mol]:** 289.42
**CAS:** 35610-74-3

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -5.45 | | Crippen Method |
| logp | 4.269 | | Crippen Method |
| mcvol | 212.380 | 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=C35610743&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