# Thiazolidin-4-one, 3-phenylamino-2-thioxo-

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|---|---|
| **Other names:** | 4-Thiazolidinone, 3-(phenylamino)-2-thioxo- |
| | Thiazolidin-4-one, 3-phenylamino-2-thioxo- |
| **Inchi:** | InChI=1S/C9H8N2OS2/c12-8-6-14-9(13)11(8)10-7-4-2-1-3-5-7/h1-5,10H,6H2 |
| **InchiKey:** | SNRGCDPTDOAQEQ-UHFFFAOYSA-N |
| **Formula:** | C9H8N2OS2 |
| **SMILES:** | O=C1CSC(=S)N1Nc1ccccc1 |
| **Mol. weight [g/mol]:** | 224.31 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| logp | 1.874 | | Crippen Method |
| mcvol | 152.980 | ml/mol | McGowan Method |

## Sources

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|---|---|
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=C13097104&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

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|---|---|
| **logp:** | Octanol/Water partition coefficient |
| **mcvol:** | McGowan's characteristic volume |