

1H-2«lambda»*6*-Benzo[2,1,3]thiadiazin-4-one, 3-isopropyl-2,2-dioxo-2,3-dihydro

Formula: C₁₀H₁₄N₂O₃S
SMILES: CC(C)N1C(=O)c2ccccc2N[SH]1(=O)O
Mol. weight [g/mol]: 242.29

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.86		Crippen Method
logp	1.282		Crippen Method
mcvol	171.060	ml/mol	McGowan Method
rinpol	2023.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R537523&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

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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