

# Pyridine, 4,4'-dithiobis-

<b>Other names:</b>	Aldrithiol 4 Bis(4-pyridyl) disulfide 4,4'-Dipyridine disulfide Di(4-pyridyl) disulfide 4,4'-Dipyridyl disulfide 4,4'-Dithiodipyridine 4,4'-Dithiopyridine Pyridine, 4,4'-dithiodi- 4-Pyridyl disulfide Aldrithol-4 4,4'-Bipyridyl disulfide NSC 367080
<b>Inchi:</b>	InChI=1S/C10H8N2S2/c1-5-11-6-2-9(1)13-14-10-3-7-12-8-4-10/h1-8H
<b>InchiKey:</b>	UHBAPGWWRVTFVS-UHFFFAOYSA-N
<b>Formula:</b>	C10H8N2S2
<b>SMILES:</b>	c1cc(SSc2ccncc2)ccn1
<b>Mol. weight [g/mol]:</b>	220.31
<b>CAS:</b>	2645-22-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.29		Crippen Method
logp	3.276		Crippen Method
mcvol	156.900	ml/mol	McGowan Method

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C2645229&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C2645229&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

# Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume

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