

# 4,4'-Dihexylazoxybenzene

<b>Other names:</b>	4,4'-Dihexylazobenzene
<b>Inchi:</b>	InChI=1S/C24H34N2O/c1-3-5-7-9-11-21-13-17-23(18-14-21)25-26(27)24-19-15-22(16-20)
<b>InchiKey:</b>	LRPHVKPAMBWIRF-UHFFFAOYSA-N
<b>Formula:</b>	C24H34N2O
<b>SMILES:</b>	CCCCCc1ccc(N=[N+](O-))c2ccc(CCCCC)cc2cc1
<b>Mol. weight [g/mol]:</b>	366.54
<b>CAS:</b>	37592-88-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.36		Crippen Method
logp	7.858		Crippen Method
mcvol	323.030	ml/mol	McGowan Method

## Sources

<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=C37592884&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C37592884&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/48-602-0/4-4-Dihexylazoxybenzene.pdf>

Generated by Cheméo on 2024-04-17 02:47:31.252732322 +0000 UTC m=+15611300.173309637.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.