

# Phosphoric triamide, n,n',n''-tri-p-tolyl-

<b>Inchi:</b>	InChI=1S/C21H24N3OP/c1-16-4-10-19(11-5-16)22-26(25,23-20-12-6-17(2)7-13-20)24-2
<b>InchiKey:</b>	NUIMACVJPXHSLA-UHFFFAOYSA-N
<b>Formula:</b>	C21H24N3OP
<b>SMILES:</b>	Cc1ccc(NP(=O)(Nc2ccc(C)cc2)Nc2ccc(C)cc2)cc1
<b>Mol. weight [g/mol]:</b>	365.41
<b>CAS:</b>	31160-10-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.23		Crippen Method
logp	6.356		Crippen Method
mcvol	291.740	ml/mol	McGowan Method

## Sources

<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>
<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=C31160108&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C31160108&amp;Units=SI</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/113-319-2/Phosphoric-triamide-n-n-n-tri-p-tolyl.pdf>

Generated by Cheméo on 2024-04-29 16:14:57.051938426 +0000 UTC m=+16696545.972515741.

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