

# Triamiphos

<b>Other names:</b>	Phosphonic diamide, P-(5-amino-3-phenyl-1H-1,2,4-triazol-1-yl)-N,N,N',N'-tetramethyl- Wepsyn Wepsyn-155 WP 155 Bis(dimethylamino)-3-amino-5-phenyltriazolyl phosphine oxide ENT 27,223 P-(5-Amino-3-phenyl-1H-1,2,4-triazol-1-yl)-N,N,N',N'-tetramethyl phosphonic diamide Triamifos Triamphos Wepsin 5-Amino-1-(bis(dimethylamide)phosphoryl)-3-phenyl-1,2,4-triazole 5-Amino-1-(bis(dimethylamido)phosphoryl)-3-phenyl-1,2,4-triazole 5-Amino-1-(Bis(dimethylamino)phosphinyl)-3-phenyl-1,2,4-triazole 5-Amino-3-fenil-1-bis(-dimetilamino)-fosforil-1,2,4-triazolo 5-Amino-3-fenyl-1-bis(dimethyl-amino)-fosforyl-1,2,4-triazool 5-Amino-3-phenyl-1-bis (dimethyl-amino)-phosphoryle-1,2,4-triazole 5-Amino-3-phenyl-1-bis(dimethylamino)-phosphoryl-1H-1,2,4-triazol 5-Amino-3-phenyl-1,2,4-triazole-1-yl-N,N,N',N'-tetramethylphosphodiamide 5-Amino-3-phenyl-1,2,4-triazolyl-N,N,N',N'-tetramethylphosphonamide 5-Amino-3-phenyl-1,2,4-triazolyl-1-bis(dimethylamido)phosphate 5-Amino-3-phenyl-1,2,4-triazolyl-1-bis(dimethylamido)pheosphate 5-Amino-3-phenyl-1,2,4-triazolylbis(dimethylamino)-phosphinoxid Niagara 5943 3-Phenyl-5-amino-1,2,4-triazolyl-(1)-(N,N'-tetramethyl) diamidophosphonate NSC 232670
<b>Inchi:</b>	InChI=1S/C12H19N6OP/c1-16(2)20(19,17(3)4)18-12(13)14-11(15-18)10-8-6-5-7-9-10/h5
<b>InchiKey:</b>	BABJTMNVJXLAEX-UHFFFAOYSA-N
<b>Formula:</b>	C12H19N6OP
<b>SMILES:</b>	CN(C)P(=O)(N(C)C)n1nc(-c2ccccc2)nc1N
<b>Mol. weight [g/mol]:</b>	294.29
<b>CAS:</b>	1031-47-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.35		Crippen Method
logp	1.607		Crippen 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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.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=C1031476&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C1031476&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

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