

# Triprolidine

**Other names:**

Pyridine, 2-[1-(4-methylphenyl)-3-(1-pyrrolidinyl)-1-propenyl]-, (E)-  
Pyridine, 2-[3-(1-pyrrolidinyl)-1-p-tolylpropenyl]-, (E)-  
trans-1-(2-Pyridyl)-3-pyrrolidino-1-p-tolylprop-1-ene  
trans-1-(4-Methylphenyl)-1-(2-pyridyl)-3-pyrrolidinoprop-1-ene  
trans-2-[3-(1-Pyrrolidinyl)-1-p-tolypropenyl]pyridine  
Triprolidin  
Tripyrolidine  
NCI-C61450

(E)-2-[3-(1-Pyrrolidinyl)-1-p-toluenepropenyl]pyridine

**Inchi:** InChI=1S/C19H22N2/c1-16-7-9-17(10-8-16)18(19-6-2-3-12-20-19)11-15-21-13-4-5-14-21

**InchiKey:** CBEQULMOCCWAQT-WQRHYEAKSA-N

**Formula:** C19H22N2

**SMILES:** Cc1ccc(C(=CCN2CCCC2)c2cccn2)cc1

**Mol. weight [g/mol]:** 278.39

**CAS:** 486-12-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.81		Crippen Method
logp	3.918		Crippen Method
mcvol	235.850	ml/mol	McGowan Method
rinpol	2250.00		NIST Webbook
rinpol	2236.00		NIST Webbook
rinpol	2224.00		NIST Webbook
rinpol	2250.00		NIST Webbook
rinpol	2242.00		NIST Webbook
rinpol	2260.00		NIST Webbook
rinpol	2235.00		NIST Webbook
rinpol	2260.00		NIST Webbook
rinpol	2242.00		NIST Webbook
rinpol	2250.00		NIST Webbook
rinpol	2253.00		NIST Webbook
rinpol	2224.00		NIST Webbook
rinpol	2250.00		NIST Webbook
rinpol	2224.00		NIST Webbook

# 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=C486124&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C486124&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>

# Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcpol:</b>	McGowan's characteristic volume
<b>rinpol:</b>	Non-polar retention indices

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