

# 2,4,6-tri(2-Pyridyl)-s-triazine

**Other names:**

2,4,6-Tripyridyl-s-triazine  
2,4,6-Tris(2-pyridyl)-s-triazine  
2,4,6-Tripyridyl-sym-triazine  
2,4,6-Tris(2-pyridyl)-sym-triazine  
2,4,6-tri-(2-Pyridyl)-1,3,5-triazine  
TPTZ  
1,3,5-Triazine, 2,4,6-tri-2-pyridinyl-  
s-Triazine, tri-2-pyridyl-  
s-Triazine, 2,4,6-tri-2-pyridyl-  
Tri-2-pyridyl-s-triazine  
TPTZ (iron reagent)  
2,4,6-Tri(2'-pyridyl)-s-triazine  
2,4,6-Tripyridyl-1,3,5-triazine  
2,4,6-Tris(2-pyridyl)-1,3,5-triazine  
2,4,6-Tris(2-pyridyl)-5-triazine  
NSC 112125

**Inchi:**

InChI=1S/C18H12N6/c1-4-10-19-13(7-1)16-22-17(14-8-2-5-11-20-14)24-18(23-16)15-9-3

**InchiKey:**

KMVWNDHKTPHDMT-UHFFFAOYSA-N

**Formula:**

C18H12N6

**SMILES:**

c1ccc(-c2nc(-c3cccn3)nc(-c3cccn3)n2)nc1

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

312.33

**CAS:**

3682-35-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.87		Crippen Method
logp	3.058		Crippen Method
mvol	229.320	ml/mol	McGowan Method

## Sources

**McGowan Method:**

<http://link.springer.com/article/10.1007/BF02311772>

**NIST Webbook:**

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C3682357&Units=SI>

**Crippen Method:**

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

**Crippen Method:**

[https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## Legend

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

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