

# Triphenyleno[1,12-bcd]furan

**Inchi:** InChI=1S/C18H10O/c1-2-6-12-11(5-1)13-7-3-9-15-17(13)18-14(12)8-4-10-16(18)19-15/h  
**InchiKey:** AHWPSDMGXUUJIW-UHFFFAOYSA-N  
**Formula:** C18H10O  
**SMILES:** c1ccc2c(c1)c1cccc3oc4cccc2c4c31  
**Mol. weight [g/mol]:** 242.27

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.84		Crippen Method
logp	5.330		Crippen Method
mcvol	177.350	ml/mol	McGowan Method
rinpola	413.02		NIST Webbook

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R556544&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpola:** Non-polar retention indices

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