

# Metofoline

**Inchi:** InChI=1S/C20H24ClNO2/c1-22-11-10-15-12-19(23-2)20(24-3)13-17(15)18(22)9-6-14-4-7  
**InchiKey:** YBCPYHQFUMNOJG-UHFFFAOYSA-N  
**Formula:** C20H24ClNO2  
**SMILES:** COc1cc2c(cc1OC)C(Cc1ccc(Cl)cc1)N(C)CC2  
**Mol. weight [g/mol]:** 345.86  
**CAS:** 2154-02-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.38		Crippen Method
logp	4.519		Crippen Method
mcvol	268.240	ml/mol	McGowan Method
rinpola	2635.00		NIST Webbook
rinpola	2635.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C2154021&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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  
**rinpola:** Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/26-167-8/Metofoline.pdf>

Generated by Cheméo on 2025-12-05 13:29:43.399417805 +0000 UTC m=+4689580.929458470.

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