

# Oxomemazine

**Other names:**

10H-Phenothiazine-10-propanamine, N,N,«beta»-trimethyl-, 5,5-dioxide  
Phenothiazine, 10-[3-(dimethylamino)-2-methylpropyl]-, 5,5-dioxide  
Doxergan  
Dysedon  
Oxomemazin  
Oxymemazine  
Trimeprazine 5,5-dioxide  
6487 RP  
6847 RP  
Alimemazine S,S-dioxide  
10-(3-(Dimethylamino)-2-methylpropyl)phenothiazine-5,5-dioxide  
Dosegran  
Imakol  
6847 R.P.  
RP-6847

**Inchi:**

InChI=1S/C18H22N2O2S/c1-14(12-19(2)3)13-20-15-8-4-6-10-17(15)23(21,22)18-11-7-5

**InchiKey:**

QTQPVLDZQVPLGV-UHFFFAOYSA-N

**Formula:**

C18H22N2O2S

**SMILES:**

CC(CN(C)C)CN1c2ccccc2S(=O)(=O)c2ccccc21

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

330.44

**CAS:**

3689-50-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.21		Crippen Method
logp	3.169		Crippen Method
mcvol	254.150	ml/mol	McGowan Method
rinqol	2725.00		NIST Webbook

## Sources

**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)

**McGowan Method:**

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

## 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
<b>rinpol:</b>	Non-polar retention indices

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