

# Racemoramide

<b>Other names:</b>	Pyrrolidine, 1-[3-methyl-4-(4-morpholinyl)-1-oxo-2,2-diphenylbutyl]-, (.+/-)-(.+/-)-4-[2-Methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidiny)butyl]morpholine R-610 1-(3-Methyl-4-morpholino-2,2-diphenylbutyryl-pyrrolidine)
<b>Inchi:</b>	InChI=1S/C25H32N2O2/c1-21(20-26-16-18-29-19-17-26)25(22-10-4-2-5-11-22,23-12-6-3
<b>InchiKey:</b>	INUNXTSAACVKJS-UHFFFAOYSA-N
<b>Formula:</b>	C25H32N2O2
<b>SMILES:</b>	CC(CN1CCOCC1)C(C(=O)N1CCCC1)(c1ccccc1)c1ccccc1
<b>Mol. weight [g/mol]:</b>	392.53
<b>CAS:</b>	545-59-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.82		Crippen Method
logp	3.563		Crippen Method
mcvol	321.270	ml/mol	McGowan Method
rinpol	2930.00		NIST Webbook
rinpol	2930.00		NIST Webbook

## Sources

<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=C545595&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C545595&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## 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

**rinpol:** Non-polar retention indices

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