

# 4'-Methoxy fentanyl

<b>Inchi:</b>	InChI=1S/C23H30N2O2/c1-3-23(26)25(20-9-11-22(27-2)12-10-20)21-14-17-24(18-15-21
<b>InchiKey:</b>	QKQAUIOVFHVJI-UHFFFAOYSA-N
<b>Formula:</b>	C23H30N2O2
<b>SMILES:</b>	CCC(=O)N(c1ccc(OC)cc1)C1CCN(CCC2CCCCC2)CC1
<b>Mol. weight [g/mol]:</b>	366.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.81		Crippen Method
logp	4.145		Crippen Method
mcvol	303.950	ml/mol	McGowan Method
rinpol	3033.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<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=R193103&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R193103&amp;Units=SI</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
<b>rinpol:</b>	Non-polar retention indices

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