

Dyclonine

Other names:	1-Propanone, 1-(4-butoxyphenyl)-3-(1-piperidinyl)- Propiophenone, 4'-butoxy-3-piperidino- 3-Piperidino-4'-butoxypropiofenone 4'-Butoxy-3-piperidinopropiofenone Dyclonin 1-(4-Butoxyphenyl)-3-(1-piperidinyl)-1-propanone Dyclocaine 536-43-6 (hydrochloride)
Inchi:	InChI=1S/C18H27NO2/c1-2-3-15-21-17-9-7-16(8-10-17)18(20)11-14-19-12-5-4-6-13-19/
InchiKey:	BZEWSEKUUPWQDQ-UHFFFAOYSA-N
Formula:	C18H27NO2
SMILES:	CCCCOc1ccc(C(=O)CCN2CCCCC2)cc1
Mol. weight [g/mol]:	289.41
CAS:	586-60-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.48		Crippen Method
logp	3.924		Crippen Method
mvol	247.280	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C586607&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

Latest version available from:

<https://www.cheméo.com/cid/99-487-3/Dyclonine.pdf>

Generated by Cheméo on 2024-05-02 22:14:41.894871315 +0000 UTC m=+16977330.815448627.

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