

Am-ex-ol

Other names:	4-Chloro-2-phenylquinazoline Quinazoline, 4-chloro-2-phenyl-
Inchi:	InChI=1S/C14H9ClN2/c15-13-11-8-4-5-9-12(11)16-14(17-13)10-6-2-1-3-7-10/h1-9H
InchiKey:	OBHKONRNYCDRKM-UHFFFAOYSA-N
Formula:	C14H9ClN2
SMILES:	Clc1nc(-c2ccccc2)nc2ccccc12
Mol. weight [g/mol]:	240.69
CAS:	6484-25-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.10		Crippen Method
logp	3.950		Crippen Method
mcvol	173.340	ml/mol	McGowan Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6484259&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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