4-CHLORO-2-PHENYLQUINAZOLINE

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

Physical Properties

Property code	Value	Unit	Source
ie	8.47	eV	Cheméo Relay (1.0)
logp	3.950		Crippen Method
mcvol	173.340	ml/mol	McGowan Method
tb	647.41	K	Cheméo Relay (1.0)
tf	405.97	K	Cheméo Relay (1.0)

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6484259&Units=SI

Legend

ie:	Ionization energy
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature

tf: Normal melting (fusion) point