

1H-naphth[1,2-d]imidazole, 1-(p-anisidino)-2-phenyl-

Inchi:	InChI=1S/C24H19N3O/c1-28-20-14-12-19(13-15-20)26-27-23-21-10-6-5-7-17(21)11-16-2
InchiKey:	PXBYITSIBBXUCV-UHFFFAOYSA-N
Formula:	C24H19N3O
SMILES:	COc1ccc(Nn2c(-c3ccccc3)nc3ccc4ccccc4c32)cc1
Mol. weight [g/mol]:	365.43
CAS:	13750-96-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.83		Crippen Method
logp	5.740		Crippen Method
mcvol	278.930	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=C13750964&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

Latest version available from:

<https://www.chemeo.com/cid/72-345-9/1H-naphth-1-2-d-imidazole-1-p-anisidino-2-phenyl.pdf>

Generated by Cheméo on 2024-04-26 14:48:20.190025317 +0000 UTC m=+16432149.110602628.

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