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/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume