

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

Inchi: InChI=1S/C25H21N3O2/c1-29-20-12-7-18(8-13-20)25-26-23-16-9-17-5-3-4-6-22(17)24(2
InchiKey: AVWUOWAMXIGGKN-UHFFFAOYSA-N
Formula: C25H21N3O2
SMILES: COc1ccc(Nn2c(-c3ccc(OC)cc3)nc3ccc4ccccc4c32)cc1
Mol. weight [g/mol]: 395.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.95		Crippen Method
logp	5.749		Crippen Method
mcvol	298.890	ml/mol	McGowan Method

Sources

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=B6005836&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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