2-Phenoxy-3-benzoyl pyrazine phenyl hydrazone

Inchi: InChI=1S/C23H18N4O/c1-4-10-18(11-5-1)21(27-26-19-12-6-2-7-13-19)22-23(25-17-16-2

InchiKey: SNSUFZQFFNUMHR-SZXQPVLSSA-N

Formula: C23H18N4O

SMILES: c1ccc(NN=C(c2ccccc2)c2nccnc2Oc2ccccc2)cc1

Mol. weight [g/mol]: 366.42

CAS: 116660-00-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.23		Crippen Method
logp	5.133		Crippen Method
mcvol	281.380	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=C116660005&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume