

2-Phenoxy-6-benzoyl pyrazine phenylhydrazone

Inchi:	InChI=1S/C23H18N4O/c1-4-10-18(11-5-1)23(27-26-19-12-6-2-7-13-19)21-16-24-17-22(2
InchiKey:	BZVSZIRAKGCKPV-SLEBQGDGSA-N
Formula:	C23H18N4O
SMILES:	c1ccc(NN=C(c2ccccc2)c2cncc(Oc3ccccc3)n2)cc1
Mol. weight [g/mol]:	366.42
CAS:	116660-01-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.23		Crippen Method
logp	5.133		Crippen Method
mvol	281.380	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=C116660016&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
mvol:	McGowan's characteristic volume

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