

Hydrazine, 1,2-dibenzoyl-2-purinyl-

Inchi: InChI=1S/C19H14N6O2/c26-17(13-7-3-1-4-8-13)24-25(18(27)14-9-5-2-6-10-14)19-20-11
InchiKey: BWUAHXYELQIJLF-UHFFFAOYSA-N
Formula: C19H14N6O2
SMILES: O=C(NN(C(=O)c1ccccc1)c1ncc2[nH]cnc2n1)c1ccccc1
Mol. weight [g/mol]: 358.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.81		Crippen Method
logp	1.863		Crippen Method
mcvol	255.150	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=B6008297&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

Latest version available from:

<https://www.cheméo.com/cid/121-844-0/Hydrazine-1-2-dibenzoyl-2-purinyl.pdf>

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