9-hydroxyfuro[3,2-g]chromen-7-one

Inchi: InChI=1S/C11H6O4/c12-8-2-1-6-5-7-3-4-14-10(7)9(13)11(6)15-8/h1-5,13H
InchiKey: JWVYQQGERKEAHW-UHFFFAOYSA-N
Formula: C11H6O4
SMILES: O=c1ccc2cc3ccoc3c(O)c2o1
Mol. weight [g/mol]: 202.17

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.22		Aqueous Solubility Prediction Method
logp	2.245		Crippen Method
mcvol	130.950	ml/mol	McGowan Method
tf	524.65	K	Aqueous Solubility Prediction Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Aqueous Solubility Prediction Method: http://onschallenge.wikispaces.com/file/view/AqueousDataset002.xlsx/351826032/AqueousDa
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
tf: Normal melting (fusion) point

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.