

baicalein

Inchi: InChI=1S/C15H10O5/c16-9-6-11(8-4-2-1-3-5-8)20-12-7-10(17)14(18)15(19)13(9)12/h1-7
InchiKey: FXNFHKRTJBSTCS-UHFFFAOYSA-N
Formula: C15H10O5
SMILES: O=c1cc(-c2ccccc2)oc2cc(O)c(O)c(O)c12
Mol. weight [g/mol]: 270.24

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.68		Crippen Method
logp	2.577		Crippen Method
mcvol	184.580	ml/mol	McGowan Method
tt	537.00	K	Solubility of Baicalein in Different Solvents from (287 to 323) K

Sources

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Solubility of Baicalein in Different Solvents from (287 to 323) K: <https://www.doi.org/10.1007/s10765-014-1740-z>

Legend

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

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<https://www.chemeo.com/cid/107-016-5/baicalein.pdf>

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