Furo[2,3-b]quinoline, 4,6,7-trimethoxy-

Other names:	Dictamnine, 6,7-dimethoxy-
	Kokusaginin
	Kokusaginine
	6,7-Dimethoxydictamnine
Inchi:	InChI=1S/C14H13NO4/c1-16-11-6-9-10(7-12(11)17-2)15-14-8(4-5-19-14)13(9)18-3/h4-7H
InchiKey:	JBRXRVFXQIKPEA-UHFFFAOYSA-N
Formula:	C14H13NO4
SMILES:	COc1cc2nc3occc3c(OC)c2cc1OC
Mol. weight [g/mol]:	259.26
CAS:	484-08-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.94		Crippen Method
logp	3.007		Crippen Method
mcvol	183.200	ml/mol	McGowan Method
rinpol	2478.40		NIST Webbook
rinpol	2478.40		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C484082&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

rinpol: Non-polar retention indices