

Ethanone, 1-[5-(2-furanylmethyl)-2-furanyl]-

Other names:	(5-Acetyl-2-furyl)furylmethane Furan, 5-acetyl-2-(2-furfuryl)
Inchi:	InChI=1S/C11H10O3/c1-8(12)11-5-4-10(14-11)7-9-3-2-6-13-9/h2-6H,7H2,1H3
InchiKey:	PGQDWYALUAAWQJ-UHFFFAOYSA-N
Formula:	C11H10O3
SMILES:	CC(=O)c1ccc(Cc2ccco2)o1
Mol. weight [g/mol]:	190.20
CAS:	52805-84-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.70		Crippen Method
logp	2.666		Crippen Method
mcvol	140.240	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=C52805842&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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/79-250-7/Ethanone-1-5-2-furanylmethyl-2-furanyl.pdf>

Generated by Cheméo on 2025-12-05 19:13:07.14030134 +0000 UTC m=+4710184.670341995.

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