SMILES	O(C)c1c(O)c(OC)cc(c1)CC=C			C_w=	
Compound No.	16932			C_g=	
Compound Name	**4-Allyl-2,6-dimethoxyphenol**			**log Kw=**	
Molecular Formula	C11H14O3			P + L, count:	10
Molecular weight	194.2300	**WS (mg/L)=**			
CAS No	6627-88-9	**VP (mm Hg)=**		**P+L, sd:**	**0.050**
S-A/n20 =	1.548				
E =	1.060			Weight:	1.00

P*	**ClogP**	**logP(MD)**	**logP(PA)**	**logP(ACD)**		
	2.171		2.43	1.79	**P+L, sd(W):**	**0.050**

UNIX	**SMART**			**PA**		
0.97		logKw	6.387		P, count:	3
0.62		R (**E**)=	**1.060**	**0.91**		
0.04		Pi (**S**)=	1.150	**1.04**	**P, sd:**	**0.049**
0.75		Alpha (**A**) =	0.180	**0.16**		
6.61		Beta (**B**)=	0.930	**0.62**	L, count:	7
		LogL16 (**L**) =	6.970	**6.666**		
		Vx (**V**)=	1.5540		**L, sd:**	**0.055**

LogPcalc	LogPobs
3.074	3.047

Ref	Solvent	c	e	s	a	b	l	v	P or L?	Solvent	LogPcalc	LogPcalc	LogPobs	(Po-Pc)^2	
	Octanol	0.088	0.562	-1.054	0.034	-3.460	0.000	3.814	P	Octanol (wet)	2.187	2.187	2.171	0.000	ClogP
	Hexadecane	0.087	0.667	-1.617	-3.587	-4.869	0.000	4.433	P	Hexadecane LogP16	0.650	0.650	0.583	0.004	
d	Gas phase	-0.994	0.577	2.549	3.813	4.841	0.000	-0.869	P	Gas phase LogLW	6.387	6.387	6.387	0.000	

Ref	Solvent	c	e	s	a	b	l	v	P or L?	Solvent	logL(calc)	logL(calc)	logL(obs)	(Po-Pc)^2
MHA unpub.	Octanol/Wet/March 98	-0.198	0.002	0.709	3.519	1.429	0.858	0.000	L	Octanol/Wet/March 98	8.562	8.562	8.558	0.000
	Hexadecane	0.000	0.000	0.000	0.000	0.000	1.000	0.000	L	Hexadecane	6.970	6.970	6.970	0.000
	Water	-1.271	0.822	2.743	3.904	4.814	-0.213	0.000	L	Water	6.450	6.450	6.387	0.004
Food Res Int (2001	DB-5	0.381	-0.568	1.700	1.392	-0.254	2.048	0.000	RI/100	DB-5	16.022	16.022	16.090	0.005
JAFC (1993) 41(11	DB-1	0.504	0.000	0.458	0.000	0.885	2.003	0.000	RI/100	DB-1	15.814	15.814	15.750	0.004
JAFC (1991) 39(1)	DB-1	0.415	-0.481	1.215	1.227	0.000	2.036	0.000	RI/100	DB-1	15.713	15.713	15.740	0.001
J Essent Oil Res (2	HP-1	0.393	-0.673	1.103	1.635	0.000	2.070	0.000	RI/100	HP-1	15.669	15.669	15.600	0.005