

Molecule name	Polarizability exp	Polarizability calc	Deviation	Dev. in %
2-Methylindole	17.35	16.85	0.50	2.88
(Methoxymethyl)oxirane	9.16	8.67	0.49	5.35
1-Bromo-4-vinylbenzene	17.62	17.14	0.48	2.72
cis-2-Methoxy-4-(1-propenyl)phenol	19.78	19.30	0.48	2.43
Isobutyl butyrate	16.69	16.21	0.48	2.88
Isopropyl salicylate	19.80	19.32	0.48	2.42
alpha-Ionone	24.28	23.81	0.47	1.94
3-Chlorocrotonic acid	11.12	10.65	0.47	4.23
cis-2-Methyl-1,3-pentadiene	12.16	11.69	0.47	3.87
1-Chloro-3-(1-methylethoxy)-2-propanol	14.53	15.00	-0.47	-3.23
2-Formylnaphthalene	20.21	19.74	0.47	2.33
Ethyl 4-methoxybenzoate	19.84	19.37	0.47	2.37
2-Vinylfuran	11.60	11.13	0.47	4.05
(trans-2-Bromovinyl)benzene	17.62	17.16	0.46	2.61
(3-Chloropropyl)benzene	17.53	17.99	-0.46	-2.62
4-Hydroxy-2-butanone	9.32	8.86	0.46	4.94
Isobutyl salicylate	21.60	21.14	0.46	2.13
Isopropyl trifluoroacetate	11.29	10.83	0.46	4.07
Diethyl ketomalonate	15.65	15.19	0.46	2.94
Sorbic alcohol	12.72	12.26	0.46	3.62
2-Hydroxy-5-methylbenzaldehyde	15.69	15.23	0.46	2.93
Furfural	10.08	9.62	0.46	4.56
Ethyl salicylate	17.95	17.49	0.46	2.56