

P Origanum vulgare

Common Name(s)

Green Turkish Oregano

How Used

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Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference	Citation
0	(E)-2-HEXENOL	Plant 0.3	0.3		Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.	
0	(E)-BETA-OCIMENE	Plant 50	50	-0.3058179350004837	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.	
0	(E,Z)-2,6-NONADIENAL	Plant 0.5	0.5		Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.	
0	(Z)-2-NONENAL	Plant 0.6	0.6	0.9999999999999998	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.	
0	(Z)-BETA-FARNESENE	Plant --	--	-1.3894176058415482	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.	

Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference	Citation
0	(Z)-BETA-OCIMENE	Plant 5	5	-0.7847599508687727	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.	
0	(Z)-GERANYL-ACETONE	Plant 0.5	0.5	-1	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.	
67	1,8-CINEOLE	Plant 11	11	-0.5585752958799084	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.	
0	1-NONEN-3-OL	Plant --	--	-0.9258200997725514	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.	
0	1-OCTEN-3-OL	Plant 2	2	-0.441887841970323	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.	
0	2,5-DIETHYL-TETRAHYDROFURAN	Plant 0.1	0.1		Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.	
0	2-ETHYL-1-HEXANOL	Plant 6	6	1.3363062095621219	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.	
0	3-NONANONE	Plant --	--	-1	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.	
0	6-METHYL-3-HEPTANOL	Plant 3	3	-0.43893274312887204	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.	

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
0	ALPHA-BISABOLENE	Plant --	--	-0.7970811413304554	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
3	ALPHA-CADINOL	Plant 50	50	0.24706779114871708	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	ALPHA-FARNESENE	Plant 25	25	-0.5784681786188091	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	ALPHA-HIMACHALENE	Plant 14	14	1.4018260516447003	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
2	ALPHA-HUMULENE	Plant 40	40	-0.39009097837961365	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	ALPHA-MUUROLENE	Plant 6	6	-0.4094108413426202	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
28	ALPHA-PINENE	Plant 2	2	-0.4800600635607791	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
13	ALPHA-TERPINENE	Plant 3	3	-0.49706705716042743	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
23	ALPHA-TERPINEOL	Plant 18	18	-0.4665198749161101	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.

Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference	Citation
0	AMYL-FURAN	Plant 0.3	0.3	1	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
6	BETA-BISABOLENE	Plant 80	80	-0.3570045891401397	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	BETA-BOURBONENE	Plant 9	9	-0.45629500706161813	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	BETA-CARYOPHYLLENE	Plant 1	1	-0.8256753309920853	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	BETA-CUBEBENE	Plant --	--	-0.9662665959028248	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
13	BETA-IONONE	Plant --	--	-0.9415429185569092	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
3	BETA-PHELLANDRENE	Plant 4	4	-0.7887248507024808	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
13	BETA-PINENE	Plant 3.5	3.5	-0.4317075402390093	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
5	BETA-SESQUIPELLANDRENE	Plant 1.5	1.5	-0.6615232572566903	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
12	BORNYL-ACETATE	Plant 13	13	-0.46068826979028193	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
9	CAMPHENE	Plant 1	1	-0.6041137923889136	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
37	CARVACROL	Plant 12	12	-0.8651364436124639	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	CIS-DIHYDROCARVONE	Plant --	--	-0.6704238100682156	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	CIS-SABINENE-HYDRATE	Plant 0.9	0.9	-0.5605098407889556	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	DECANE	Plant --	--	-0.7325053804084556	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
3	DECANOIC-ACID	Plant --	--	-1	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
2	DECANOL	Plant 0.9	0.9	-0.5442714175721312	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
8	DELTA-3-CARENE	Plant --	--	-0.7150087470748657	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
9	DELTA-CADINENE	Plant 25	25	-0.38723617185640624	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
1	DELTA-CADINOL	Plant 6	6	1.0190493307301363	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
2	ELEMOL	Plant --	--	-0.6435154316725106	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	EO	Plant 1300	1300	-0.6413308943490832	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	GAMMA-CADINENE	Plant --	--	-0.6812571408752266	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	GAMMA-ELEMENE	Plant --	--	-0.43000939894052376	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
11	GAMMA-TERPINENE	Plant 13	13	-0.5286740483153347	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
35	GERANIOL	Plant 2.5	2.5	-0.4492311717756847	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
5	GERANYL-ACETATE	Plant 25	25	-0.5373968665794558	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.

Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference	Citation
2	GERMACRENE-D	Plant 205	205	-0.2487989829708132	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	HENEICOSANE	Plant --	--	-0.7071344507627786	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	HEXAHYDROFARNESYL-ACETONE	Plant 4	4	1	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
5	HEXANAL	Plant --	--	-0.7268369840597929	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
7	ISOBORNEOL	Plant 2.5	2.5	-0.894912395678989	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
60	LIMONENE	Plant 17	17	-0.47535591789436704	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	LINALOL	Plant 30	30	-0.42543285788216045	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
7	LINALYL-ACETATE	Plant 50	50	-0.5540239726370636	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
22	MYRCENE	Plant 5	5	-0.47060938137861463	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993.	Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
10	NEROL	Plant 0.9	0.9	-0.4415604165213209	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
11	NEROLIDOL	Plant 3	3	-1.0123788974630346	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	NONANAL	Plant 1.5	1.5	-0.5474297066429904	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	NONANE	Plant --	--	-0.5810735980001045	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
2	NONANOIC-ACID	Plant 0.8	0.8	-1.00000000000000018	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	OCTENYL-ACETATE	Plant 15	15	1	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	P-CYMEN-8-OL	Plant --	--	-0.8003561253534658	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
16	P-CYMENE	Plant 3	3	-0.41947413490294194	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	PATCHOULANE	Plant 21	21	-0.1905695432977329	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
0	PERILLENE	Plant --	--	-0.8153742483272115	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
2	PIPERITENONE-OXIDE	Plant 6	6	-1	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	PIPERITONE-OXIDE	Plant 0.1	0.1	-1	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	PIPERITONE-OXIDE-II	Plant 35	35		Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
5	SABINENE	Plant 20	20	-0.4396605854624306	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	SPATHULENOL	Plant 15	15	-0.5412941542817493	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
23	TERPINEN-4-OL	Plant 220	220	-0.18564723770340524	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
9	TERPINOLENE	Plant 1	1	-0.7291018522032187	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
71	THYMOL	Plant --	--	-0.5754212594013255	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.

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2	TORREYOL	Plant	15	15	1.3934660285832348	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	TRANS-DIHYDROCARVONE	Plant	--	--	-0.75	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	TRANS-SABINENE-HYDRATE	Plant	3.5	3.5	-0.39364218507848864	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	TRICHOSANE	Plant	--	--	-1	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
0	UNDECANE	Plant	--	--	-0.95065415136527	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.