

Supplementary Table II

Essential oils identified (%) from different parts of *Peganum harmala* (Cont.)

References	Faridi et al., 2012	Afzal et al., 2014	Dastagir et al., 2014	Tahrouch et al., 1998	Tahrouch et al., 1998	Tahrouch et al., 1998	Selim et al., 2013	Apostolico et al., 2016	Apostolico et al., 2016	Apostolico et al., 2016	Apostolico et al., 2016	Apostolico et al., 2016
Compounds	Fruit (Iran)	Whole plant (Pakistan)	Aerial part (Pakistan)	leaf (Morocco)	Stem (Morocco)	Root (Morocco)	Aerial part (Egypt)	Seed (Algeria)	Seed (Egypt)	Seed (Libya)	Seed (Morocco)	Seed (Tunisia)
6-Methyl-2-propylpyrimidone				3.5	5.1							
Pentadecane				0.5-1.0								
1,2-Dihydropyridin-6-one					2.6							
Myristic acid				4.8								
1-Hexyl-2-nitrocyclohexane							9.1					
Z-2-Octadecen-1-ol							8.1					
3,5,24-Trimethyltetracontane							7.8					
2-Octadecyl-1,3-propane-diol							6.2					
E-2-Tetradecen-1-ol							5.9					
11,14-Eicosadienoic acid methyl ester							5.8					
2,6,10,15-Tetramethyl-heptadecane							4.3					
11-Tricosene							4.1					
2-Piperidinone, n-[4-bromo-n-butyl]							3.5					
l-(+)-Ascorbic acid 2,6-dihexadecanoate							3.5					
14-Heptadecenal							2.9					
E-9-Tetradecenoic acid							2.8					
1,1-Dodecanediol, diacetate							2.6					
2-Methyl-7-octadecyne							2.4					
2,6,10,14-Tetramethyl-heptadecane							2.0					
E-3-Pentadecen-2-ol							1.7					
16-Heptadecenal							1.6					
2-Dodecyl-oxirane							1.4					
E-15-Heptadecenal							1.3					
DI-3,4-Dimethyl-3,4-hexanediol							1.3					
9-Octyl eicosane							1.2					
1-(1,5-Dimethyl-4-hexenyl)-4-methylbenzene							1.0					
6,10,14-Trimethyl-2-pentadecanone							0.8					

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(E)-Anethol								3.7				6.9
α -Terpinen-7-ol									2.2		1.0	0.1
Thymol								7.0		5.1	5.0	1.8
Dihydro carveol acetate								6.2	1.0	3.0	0.7	0.3
Terpinyl acetate									0.9			
4-Methoxyacetophenone								1.0				
Eugenol							5.2	17.5	17.2	17.8	13.2	69.2
Cicloysosativene								2.3				
α -Ylangene								1.1				
Decanoic acid									1.0			
β -Cubebene											0.4	
n-Undecanol									2.3			
6,8-Nonadien-2-one,6-methyl-5-(1-methyl-ethylidene)								0.3				
iso-Italicene								1.1				
β -Longipinene								0.5				0.1
Methyleugenol									0.3			
β -Ionol											0.7	
(Z)-Caryophyllene								2.3		0.3		0.8
(E)- α -Ionone								0.6			0.2	
Nerol acetate										3.7		
α -Isomethyl-(E)-ionol								7				
Aromadendrene												0.3
Bakerol											7.5	
trans-Cadina-1,6,4-diene											0.3	
9-epi-(E)-Caryophyllene												0.2
α -Acoradiene								0.5				
γ -Gurjunene											0.6	
γ -Muurolene								0.3				
(E)- β -Ionone											0.6	
(E)-Methyl isoeugenol									0.6			0.2
10,11-Epoxy-Calamenene											0.3	
α -Zingiberene								0.3				
γ -Amorphene								1.3				0.1
Methyl p-tert-butylphenyl acetate								0.3	0.8		2.0	0.2
10-Undecenol acetate								2.0			3.6	0.1
β -Curcumene									1.9			
7-epi- α -Selinene								1.1				

