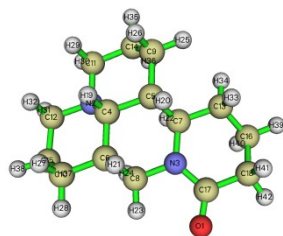


Supporting Information

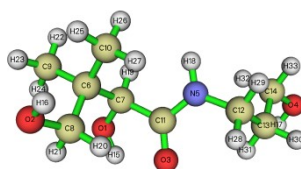
Table S1 ESP analysis of each atom of matrine and panthenol.

Matrine



Center	Charge
O1	-0.57354448
N2	-0.26061974
N3	-0.266543966
C4	-0.310307404
C5	0.058151449
C6	0.125157294
C7	-0.029193827
C8	-0.041567282
C9	-0.13603287
C10	-0.295618674
C11	-0.007831083
C12	-0.023100002
C13	-0.090944985
C14	0.043166258
C15	0.085319178
C16	-0.021305595
C17	0.546006091
C18	-0.081554589
H19	0.140849638
H20	0.05808604
H21	0.061188915
H22	0.1109517
H23	0.091362184
H24	0.091362184
H25	0.043511238
H26	0.043511238
H27	0.088330012
H28	0.088330012
H29	0.043810725
H30	0.043810725

Panthenol



Center	Charge
O1	-0.535249689
O2	-0.594404042
O3	-0.528578736
O4	-0.655613516
N5	-0.482993995
C6	0.552981933
C7	-0.070333729
C8	0.11687838
C9	0.00761118
C10	-0.802858832
C11	0.630407585
C12	-0.260484583
C13	-0.025051132
C14	0.321712424
H15	0.339309766
H16	0.372393263
H17	0.39402089
H18	0.281087389
H19	0.040935303
H20	0.017726679
H21	0.017726679
H22	-0.013782185
H23	-0.013782185
H24	-0.013782185
H25	0.171943786
H26	0.171943786
H27	0.171943786
H28	0.152555529
H29	0.152555529
H30	0.040267779

H31	0.045950453	H31	0.040267779
H32	0.045950453	H32	0.001322681
H33	0.05037343	H33	0.001322681
H34	0.05037343	Sum	0
H35	0.01594833		
H36	0.01594833		
H37	0.012053418		
H38	0.012053418		
H39	0.022338037		
H40	0.022338037		
H41	0.040966139		
H42	0.040966139		
Sum	0		

Fig. S1 ESP analysis of matrine and panthenol.