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10.08.2011

: 615.32 : 616.31

L.I. Shulga
**THEORETICAL SUBSTANTIATION OF COMPOSITION
OF THE HERB REMEDY FOR LOCAL APPLICATION
IN STOMATOLOGY**

Key words: medicinal plant raw materials, therapeutic stomatology

In this article the possibility of using of licorice roots, sedge cane rootstocks as well as burnet rootstocks with its roots for development of composition of the stomatological herb remedy were presented and perspectives of its application in therapy of inflammatory diseases of an oral cavity were adduced.

612.017.2;621.317

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[2]. Gaussian, (B3LYP) -
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	0.82	-369.84826676
N- 1	0.4423	-409.15251784
N- 2	0.4630	-409.15225083
-	1.77	-368.63751857
	1.28	
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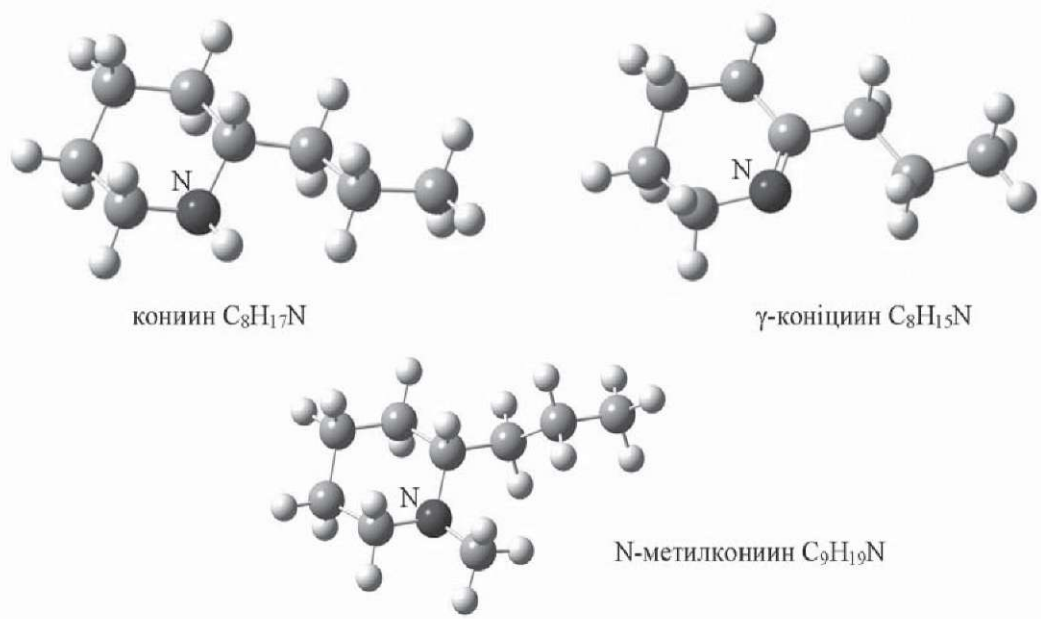


Рис. 1 Структурные формулы алкалоидов, входящих в состав кониума

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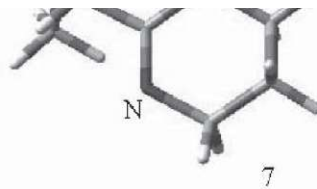
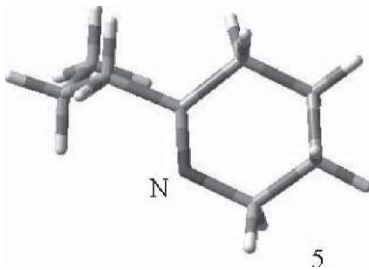
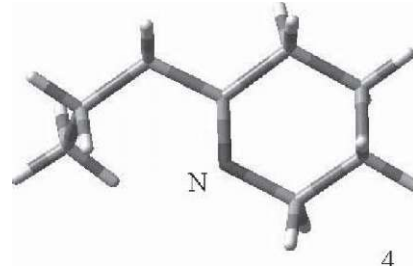
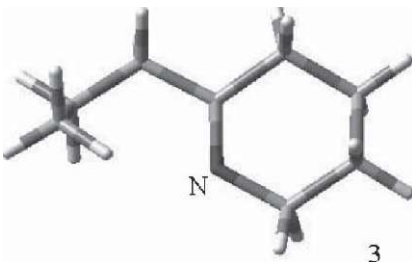
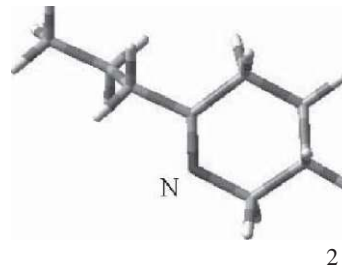


Рис. 2. Конформационные формы молекулы γ -coniina

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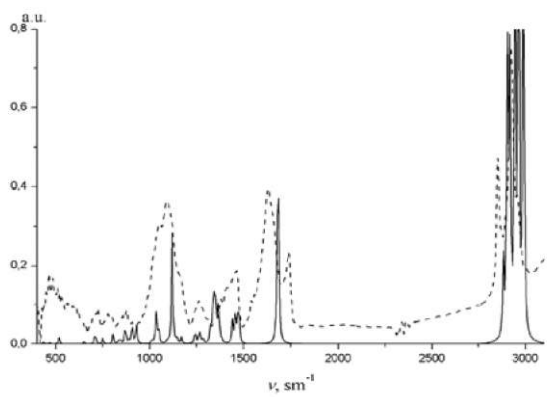
-368.63752

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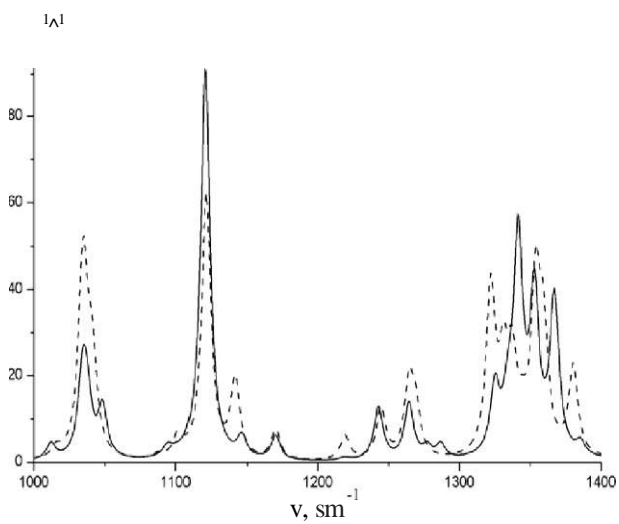
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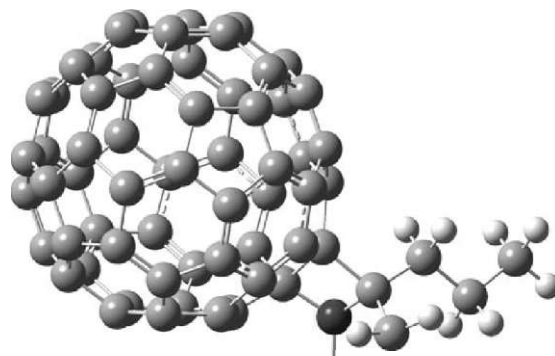
	E - Ei,			
i	0	0	1,7718	8.36774
2	0,034231649	0	1,7773	8.30145
3	0,022138541	0	1,8422	7.54672
4	0,02827639	0	1,8799	7.60537
5		i	1,6616	
6	0,134273463	0	1,9221	8.25083
7	0,053040306	0	1,7924	7.24937



. 3. (), ()
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. 4 (3)

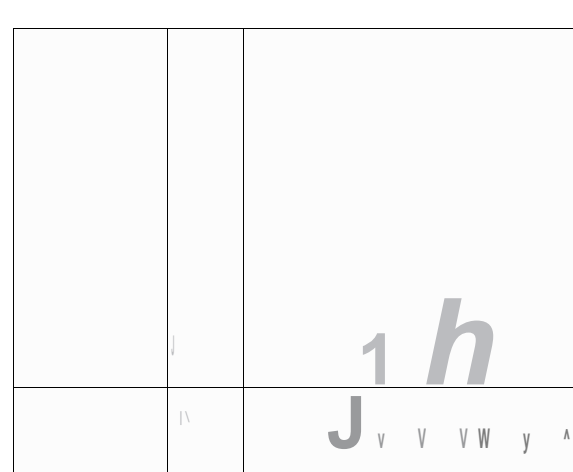
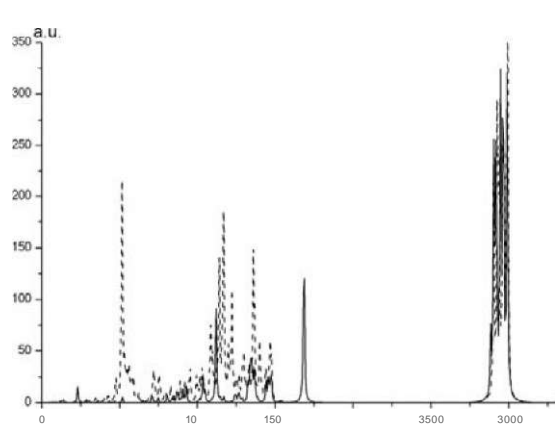


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60, 1684 -1, 60, 8 - 66, 60 . 7.



6. 1, 7. 60 + 60, 1400 1000 -1. 2. 3. 4. 1. Gaussian 60.

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 3. 1 / 2008 21(2), 35-41.
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6 33/76, 6 33/04. u 2009 08934; 28.08.2009;
 2 .0 .20 0, 6.
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612.017.2; 621.317

Conium maculatum (Weieda).

Conium - -

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MODIFICATION OF PROPERTIES OF ALKALOIDS OF CONIUM MACULATUM D6 (WELEDA)

Key words: Fullerene water solution, nanocomposite, coniium, - coniceine, optical ab-sorption, quantum -chemical calculation, IR - spectra

In this work possibilities of bionanotechnology for the purpose of improvement of ofproperties of medicines are investigated. The interaction of a fullerene water solution with *Conium maculatum* (Weieda) drug was investigated by the UV - Vis absorption, IR - absorption and quantum -chemical calculation using the density functional theory. It was showed the possibility of formation of a complex between a fullerene molecule and one of the alkaloids of the drug coniium γ - coniceine through the breaking the double bond in alkaloid.

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GANODERMA LUCIDUM

(Ganode ma lucidum) - « ».

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