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- 1 «
- 2 »( « »), . . .

1-

-6. -2 50 % [16].

[1, 3].

-4,4'-

, 6'- , 3'-(2- -3- -2- ) -4,4'-

-4,4'- , 6'- , 5'- (Radix Glycyrrhizae) -

[4]. [11,

24].

[16, 19, 27, 31].

(MKN28, AGS, SGC7901 MKN45)

[33, 34]. A (LCA)

IC<sub>50</sub> 40

1M [8, 16]. LCA

-1

20-40 % [9, 14, 32].

NF-ikappaB [12]. LCA

[32].

LCA

LCA

[15].

[17, 20, 34].

EGF

Balb/c

[34].

LCA

LCA

in vitro

[30]. LCA

[25, 29, 31]. LCA

[10].

LCA

Glycyrrhiza glabra

LNCaP.

G2/M S

[21, 26, 28].

LCA

-3 PARP.

[5, 7, 31].

LNCaP [21].

(1)

LCA

E (4)

Glycyrrhiza inflata

( ) (3).

G2 G2/M.

[13, 24].

LCA

e (iNOS)

[23].

LCA,

G. inflata,

(TNF)

LCA

LCA [20].

A Glycyrrhiza LCA [18].

LCA 3- -1- (IBMX), (PDE).

LCA PDE.

E (LCE) - G. inflata.

[22]. LCE

LCE mRNA

PPAR [6]. LCE

1. L A

2. L A, L

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V. I. Litvinenko, A. S. Ammosov, T. P. Popova,  
 N. V. Popova, S. I. Dikhtyarev, N. F. Maslova  
**RETROCHALKONES.  
 PROSPECTS OF APPLICATION OF LICOCHALCONES ARE  
 IN CREATION OF ORIGINAL MEDICATIONS  
 WITH ANTICANCER, SPASMOLYTIC AND ANTIDIABETIC  
 EFFECTS. Report 2.  
 (Review of literature)**

**Keywords:** plants, glycyrrhiza, retrochalcones, preparations.

The analysis of literature is resulted on the study of of some plants retrochalcones of family Glycyrrhiza. Perspective of creation of medications is rotined on the basis of Licochalcone A, and Licochalcone E having anticancer, spasmolytic and antidiabetic effect.