

• • , «Boiron», , ,  
 • • , . . , « » ,

Si<sub>2</sub>

The mechanism of use of sol-gel process for reception of nanoparticles Si<sub>2</sub> as a basis of selective medicinal preparations has been given. It was shown, that the introduction of collagenous component in silica gel promotes formation of a gel composition with nanosize pores that is considered as a basis for reception of a cellular matrix for designing of selective medicines.

Si<sub>2</sub>

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[1, 2, 3].

10<sup>10</sup>

SiO<sub>2</sub>

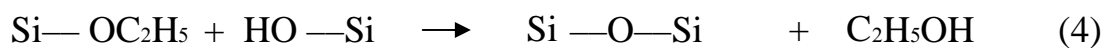
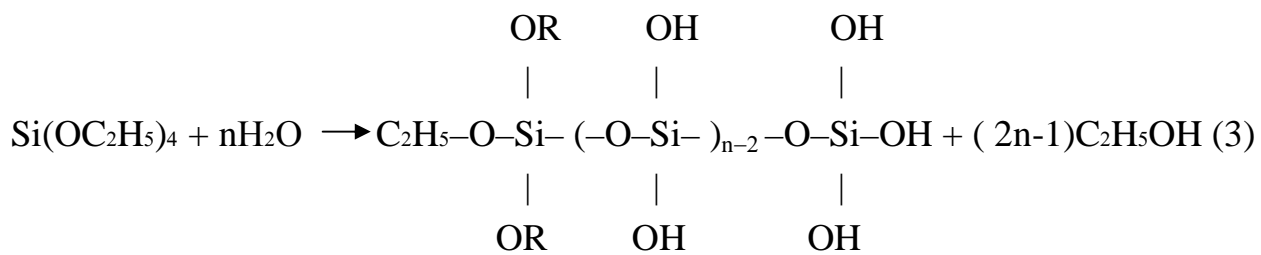
SiO<sub>2</sub>

(300 – 600 / ) ,

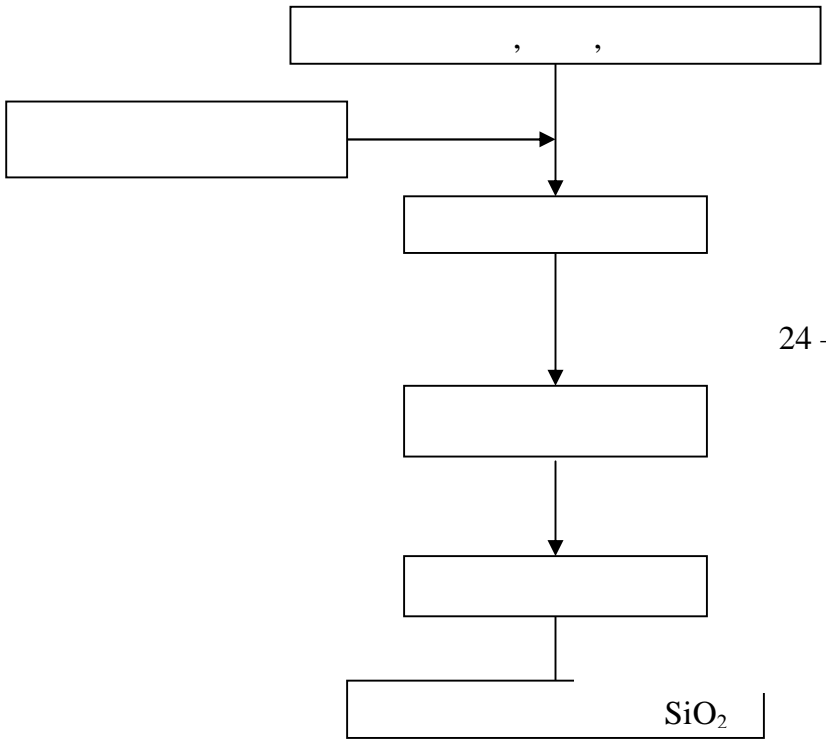
(N-

SiO<sub>2</sub>





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 .. . 500 - 1000 <sup>2</sup>/<sub>10 100</sub> .  
 OH<sup>-</sup> ( Si - OH).



24 – 48

Si<sub>2</sub>

SiO<sub>2</sub>,

[8].

SiO<sub>2</sub>,

[9].

. %:

56 – 72

0,3 – 1,0

1,0 – 5,0



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 S), ( ) : ( -  

$$S \times + \longrightarrow S \times + \quad (6)$$

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1.

2.

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( 8 )

- 1.** ... // 3- ... « ... ».- ... 2000. - .207-  
 $\text{Al}_2\text{O}_3 - \text{SiO}_2$  //
208. **2.** ... // ... « ... ».- ... 2001. - .
- 59-60. **3.** ...  $\text{Al}_2\text{O}_3 - \text{SiO}_2$  // 4- ... « ... ».- ... 2001. - . 277-279.
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25.09.07