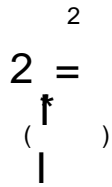
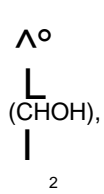




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 ( ) .) ( -  
 ) —D- L- .  
 ( .1).

( )



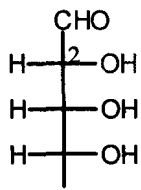
— L- .  
 D- .

D- ,  
 -

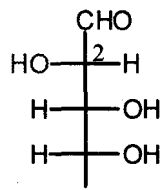
(\*— I— — )

(D- , D- , D- -  
 . .)

( )



D-



D-

2

D-

' -2-  
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' 2  
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D-

D-

D-

D-

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2—

( - )

( - )



( , p- ) / , (120° 109°) « 109° » , ,

( . 6).

$$\sqrt{\frac{2}{\dots}}$$

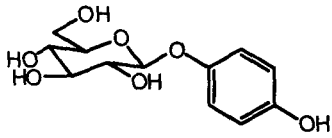
— L- D- , p-D- 6— « » ; 64 %

D- — D- D- D-

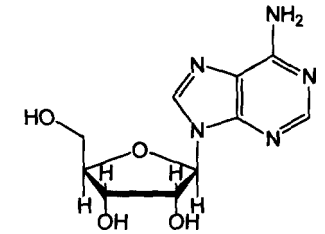
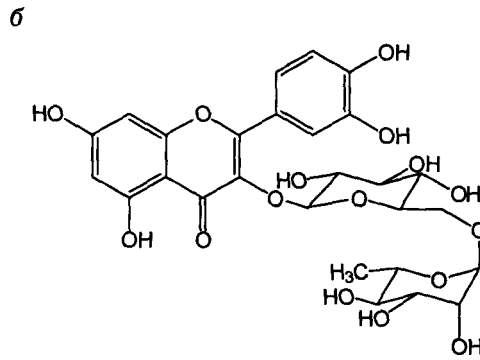
p-D- D- ( ( ), )

( )

( . 7).



Арбутин (агликон — гидрохинон)



7 — : , — 0- , — N-  
 ( ) —  
 «- » «- »,  
 D- ( D- ).  
 2  
 D-  
 ( . 8).  
 [ ( ) ] ,  
 ( , ->  
 ).  
 8 — D-  
 ( — Fuc, — Gal, — Fru,  
 Glc, — Lyx, — Man,  
 — Rib, — 1)  
 ( — GlcA,  
 GlcUA, — GalN,  
 — GlcN, N-  
 GalN , N- ( NAG) —  
 ; 2) GlcNAc, — Mur,  
 N- ( NAM) —  
 MurNAc, N- ( —  
 ) — NeuNAc ( Sia).  
 — f.

II.

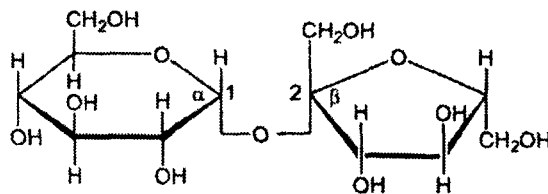
1.

2.

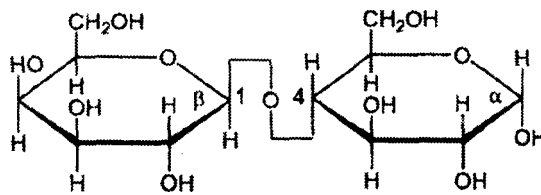
30-32

a-D-Glcp(1→2)-p-D-Fruf.

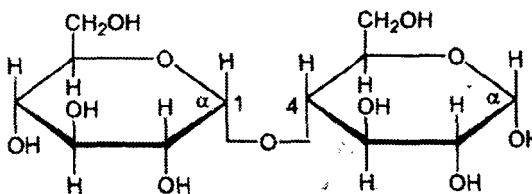
a-D-Galp(1→6)-a-D-Glcp(1→5)-β-D-Fruf/.



( - - - )



( - - - )



( - - - )

9—

(1→4) - - - (β-D-

3.

p-D-

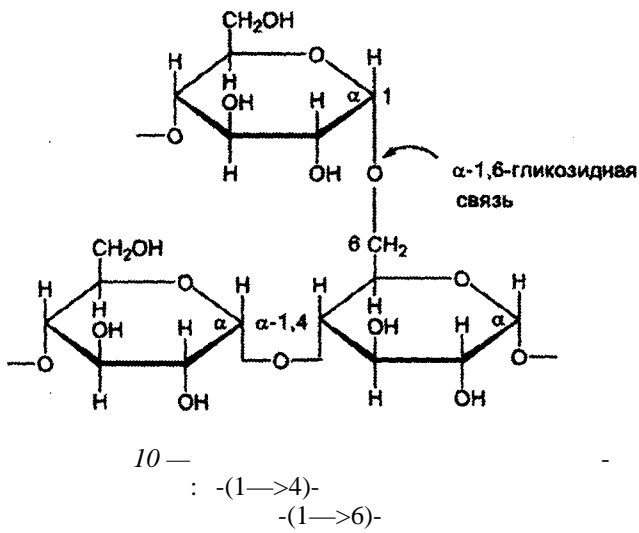
(1→1) - - -

(β-D- (1→6)β-D-

Gentiana (

a-D- \* (1→4) - (1→6)-

( . 10).



100-120 .  
( 1 % ),  
450 .  
60 000 .

10<sup>5</sup>-10<sup>7</sup> ),  
: 1) —  
,  
(10-30 %); 2) —  
-(1→4)-  
-(1→6)- (70-90 %).

10-20  
8

10<sup>5</sup>-10<sup>8</sup> )  
-(1→6)-

8 %  
(

30-36

(  
*Leucohostoe*).  
a-D-  
-(1→6)-  
-(1→4)-,  
-(1→3)-  
-(1→2)-  
(  
)

0-(1→2)- (1→4)-

60 % ( 10-12 % )

40 (10-

N- 0-

N- L- ( - - - ), -(1→4)- -(1→6)- |3-(1→2)-, |3-(1→3)-

69-95 %.

D- ( )

## 2017

110 , 1907

( )

« »;

« »