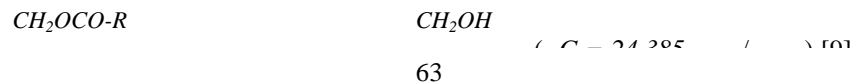
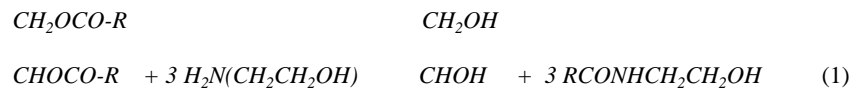


664.3:547



$$G = H - T S \quad (2)$$

1.

$$(R = C_{17}H_{35})$$

HO-CH ₂ -CH ₂ -NH ₂	8,095	8,095	8,095
(-CH ₂ -CH ₂) ₂ -N	8,105	8,105	8,101

1

$$G = H - T S \quad (2)$$

G -
H -
S -

2.

3.

It was calculated thermodynamic parameters of the reaction of amidation of acylglycerines of sunflower oil with monoethanolamine and dyethanolamine by different methods. On the basis of meanings of free energies, enthalpy, entropy it was established that reaction of amidation of triacylglycerines has tree stoges.

[5].

$$G = H - T S$$

[6]

[8]

[1, 2, 3, 4]

(G)

[7]

[9].

(R = C₁₇H₃₅)

HO-CH ₂ -CH ₂ -NH ₂	-1491,473	-1508,919	3,181	3,181
(- 2- 2) ₂ -N	-1604,578	-1619,925	3,3286	3,6597
HO-CH ₂ -CH ₂ -NH ₂	-1205,53	-1222,948	2,379	2,379
(- 2- 2) ₂ -N	-1318,635	-1333,954	2,5266	2,8577
HO-CH ₂ -CH ₂ -NH ₂	-919,559	-936,913	1,577	1,577
(- 2- 2) ₂ -N	-1032,664	-1047,919	1,7246	2,0557

2

(R = C₁₇H₃₅)

HO-CH ₂ -CH ₂ -NH ₂			
393	-17,446	-17,418	-17,354
403	-17,446	-17,418	-17,354
413	-17,446	-17,418	-17,354
423	-17,446	-17,418	-17,354
(- 2- 2) ₂ -N			
393	-145,4696	-145,4416	-145,378
403	-148,7806	-148,7526	-148,689
413	-152,0916	-152,0636	-151,999
423	-155,4026	-155,3746	-155,311

3

(. 4) G_p ([6])

(. 4)

65

4

HO-CH ₂ -CH ₂ -NH ₂	-473,499	-21,83	-0,888
(- 2- 2) ₂ -N	-473,489	-21,82	-0,878

[1, 2, 3, 4].

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