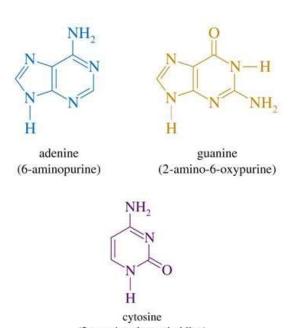
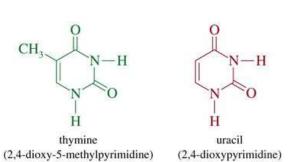
## D-(+)-glyceraldehyde

Fatty acid	Number of C atoms	Formula	Solubility (g/100 g water)	Melting point (°C)
Saturated acids				
Butyric acid	4	CH <sub>3</sub> CH <sub>3</sub> CH <sub>3</sub> COOH	00	-4.7
Caproic acid		CH <sub>3</sub> (CH <sub>3</sub> ) <sub>4</sub> COOH	1.08	-1.5
Caprylic acid	6 8	CH <sub>3</sub> (CH <sub>3</sub> ) <sub>6</sub> COOH	0.07	16
Capric acid	10	CH <sub>3</sub> (CH <sub>2</sub> ) <sub>8</sub> COOH	0.015	32
Lauric acid	12	CH <sub>2</sub> (CH <sub>2</sub> ) <sub>10</sub> COOH	0.006	48
Myristic acid	14	CH <sub>3</sub> (CH <sub>2</sub> ) <sub>12</sub> COOH	0.002	57
Palmitic acid	16	CH <sub>3</sub> (CH <sub>3</sub> ) <sub>14</sub> COOH	0.0007	63
Stearic acid	18	CH <sub>3</sub> (CH <sub>3</sub> ) <sub>16</sub> COOH	0.0003	70
Arachidic acid	20	CH <sub>3</sub> (CH <sub>2</sub> ) <sub>18</sub> COOH	<u> </u>	70 77
Unsaturated acids*	El Common			
Palmitoleic acid	16	$CH_3(CH_3)_3CH = CH(CH_3)_3COOH$	8 <u>—</u> 8	0.5
Oleic acid	18	CH <sub>3</sub> (CH <sub>3</sub> ) <sub>3</sub> CH=CH(CH <sub>3</sub> ) <sub>3</sub> COOH		13
Linoleic acid	18	CH <sub>3</sub> (CH <sub>2</sub> ) <sub>4</sub> CH=CHCH <sub>2</sub> CH=CH(CH <sub>2</sub> ) <sub>7</sub> COOH	_	-5
Linolenic acid	18	CH,CH,CH=CHCH,CH=CHCH,CH=CH(CH,),COO	н —	-11
Arachidonic acid	20	CH <sub>3</sub> (CH <sub>2</sub> ) <sub>4</sub> (CH=CHCH <sub>2</sub> ) <sub>4</sub> CH <sub>2</sub> CH <sub>2</sub> COOH	335 <u></u>	-50

Name	Abbreviation	Formula	
Alanine	Ala	CH <sub>3</sub> CHCOOH	
Arginine	Arg	NH <sub>2</sub> -C-NH-CH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> CHCOOH    NH NH <sub>2</sub>	
Asparagine	Asn	NH <sub>2</sub> C—CH <sub>2</sub> CHCOOH O NH <sub>2</sub>	
Aspartic acid	Asp	HOOCCH <sub>2</sub> CHCOOH	
Cysteine	Cys	HSCH <sub>2</sub> CHCOOH	
Glutamic acid	Glu	HOOCCH <sub>2</sub> CH <sub>2</sub> CHCOOH	
Glutamine	Gln	NH <sub>2</sub> CCH <sub>2</sub> CH <sub>2</sub> CHCOOH    0 NH <sub>2</sub>	
Glycine	Gly	HCHCOOH     NH <sub>2</sub>	
Histidine	His	$\begin{array}{c} N \longrightarrow CH \\ \parallel \qquad \parallel \\ HC \longrightarrow C - CH_2CHCOOH \\ N \longrightarrow NH_2 \end{array}$	
Isoleucine*	Ile	CH <sub>3</sub> CH <sub>2</sub> CH—CHCOOH	
Leucine*	Leu	(СН <sub>у)2</sub> СНСН <sub>2</sub> —СНСООН   NH <sub>2</sub>	
Lysine*	Lys	NH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> CHCOOH NH <sub>2</sub>	
Methionine*	Met	СН <sub>3</sub> SCH <sub>2</sub> CH <sub>2</sub> CHCOOH     NH <sub>2</sub>	
Phenylalanine*	Phe	CH <sub>2</sub> CHCOOH NH <sub>2</sub>	
Proline	Pro	Соон Н	
Serine	Ser	HOCH <sub>2</sub> CHCOOH	
Threonine*	Thr	CH <sub>3</sub> CH—CHCOOH OH NH <sub>2</sub>	
Tryptophan*	Тгр	C-CH <sub>2</sub> CHCOOH NCH NH <sub>2</sub>	
Tyrosine	Tyr	HO————————————————————————————————————	
Valine*	Val	(CH <sub>3</sub> ) <sub>2</sub> CHCHCOOH     NH <sub>2</sub>	
	human nutrition		





(2-oxy-4-aminopyrimidine)