

Zadania do aneksu

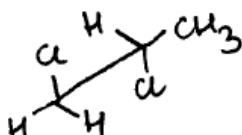
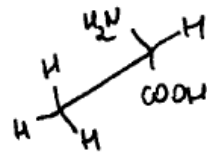
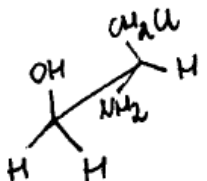
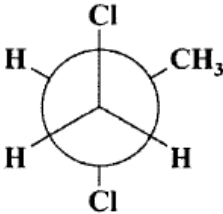
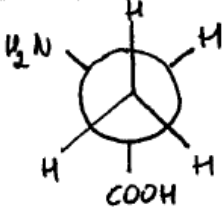
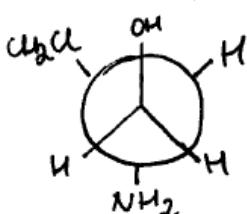
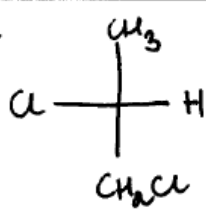
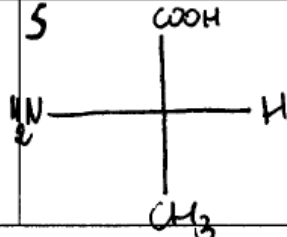
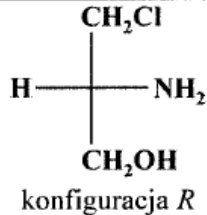
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Wzory cząsteczek uwzględniające konfiguracje i konformacje cząsteczek

Zadanie A1.1.

	I	II	III
a)	<p>kwasy 2-hydrokso- propionowy</p> $C_3H_6O_3$	<p>propan-1,2,3-triol</p> $C_3H_8O_3$	<p>kwasy 2-amino-3- hydroksopropionowy</p> $C_3H_7O_3N$
b)			
c)	S	cząsteczka nie posiada asymetrii w opo atomu węgla	S
d)			

Zadanie A1.2.

	I	II	III
a)	$C_3H_6Cl_2$ 1,2-dichloropropan	$C_3H_7NO_2$ – kwas 2-aminopropanowy (alanina)	C_3H_8NOCl 2-amino-3-chloropropan-1-ol
b)			
c)			
d)	R 	S 	 konfiguracja R

Zadanie A1.3.

	I	II	III
a)			
b)			
c)			
d)	$\begin{array}{c} \text{COOH} \\ \\ \text{H} - \text{C} - \text{OH} \text{ (R)} \\ \\ \text{HO} - \text{C} - \text{H} \text{ (R)} \\ \\ \text{COOH} \end{array}$	$\begin{array}{c} \text{COOH} \\ \\ \text{HO} - \text{C} - \text{H} \text{ (S)} \\ \\ \text{H} - \text{C} - \text{OH} \text{ (S)} \\ \\ \text{COOH} \end{array}$	$\begin{array}{c} \text{COOH} \\ \\ \text{HO} - \text{C} - \text{H} \text{ (S)} \\ \\ \text{HO} - \text{C} - \text{H} \text{ (R)} \\ \\ \text{COOH} \end{array}$

Zadanie A1.3.

	I (D-erytroza)	II	III
a)			
b)			
c)			
d)			