V katero družino kisikovih organskih spojin uvrščamo prikazano spojino: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Poimenuj jo: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ zapiši strukturno formulo:



Za prikazano spojino zapiši položajni izomer:

|  |  |  |
| --- | --- | --- |
| model molekule |  |  |
| Formula funkcionalne skupine: |  |  |
| Ime funkcionalne skupine |  |  |
| Ime spojine: |  |  |
| Racionalna formula: |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Model molekule |  |  |  |
| Vrsta organske kisikove spojine |  |  |  |
| Formula funkcionalne skupine |  |  |  |
| Ime funkcionalne skupine |  |  |  |
| Racionalna formula spojine |  |  |  |

Smiselno poveži stolpca.

|  |  |
| --- | --- |
| 1. R – **O** – R
 | ALKOHOL |
| 1. R – **OH**
 |  ALDEHID |
| 1. R – **CO** – R
 |  KETON |
| 1. R – **COO** – R
 |  KARBOKSILNA KISLINA |
| 1. R – **CHO**
 |  ETER |
| 1. R – **COOH**
 |  ESTER |

Slika prikazuje modele različnih ogljikovodikov.

|  |  |  |
| --- | --- | --- |
| etanal1Model 1 | etanojska kislina1Model 2 |  |
| propan-2-ol1Model 3 | propanon2Model 4 |

**Kateri model ponazarja**

molekulo karboksilne kisline? ­\_\_\_\_\_ IUPAC ime: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

molekulo alkohola? ­\_\_\_\_\_ IUPAC ime: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

molekulo ketona? ­\_\_\_\_\_ IUPAC ime: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

molekulo aldehida? ­\_\_\_\_\_ IUPAC ime: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_