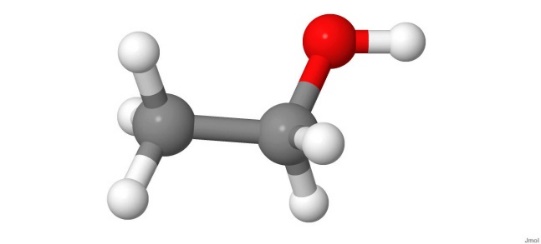
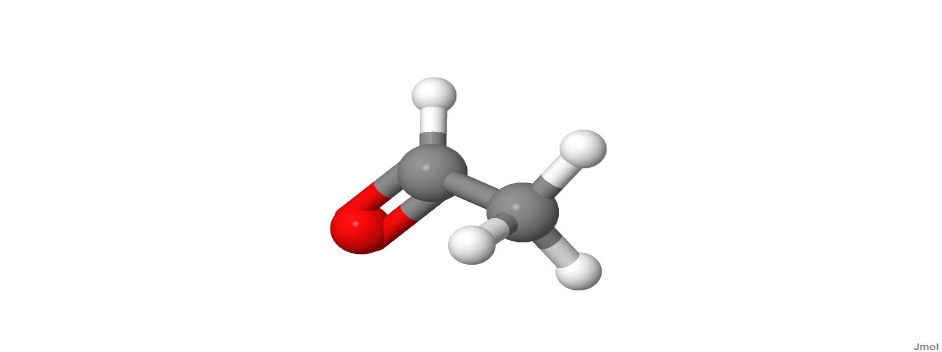
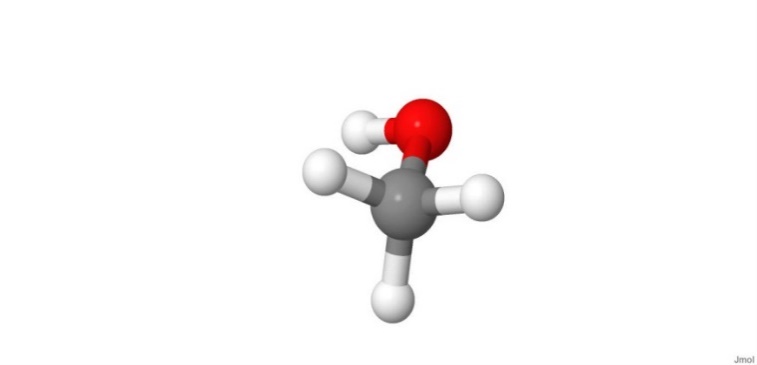
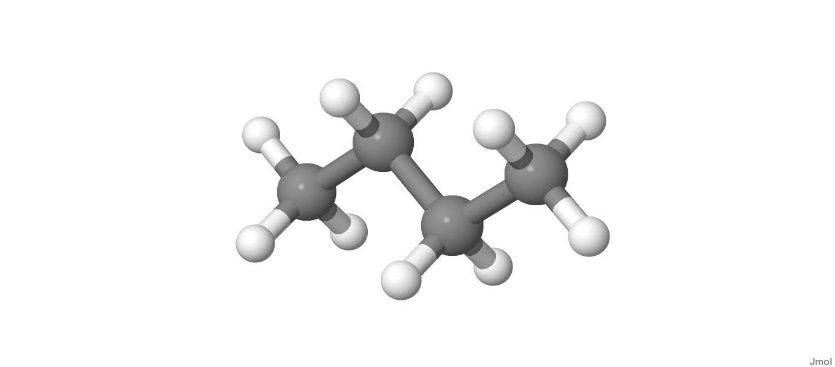
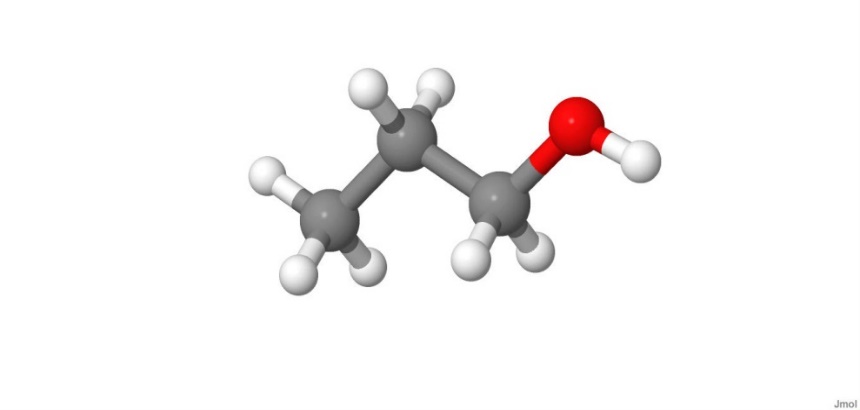
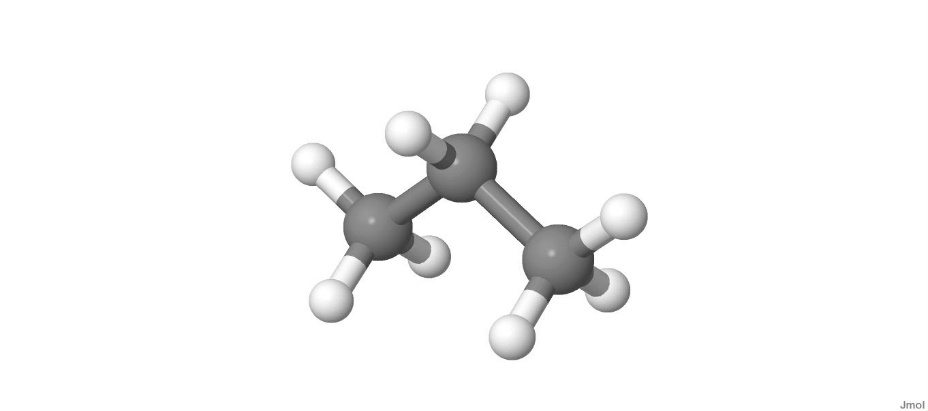
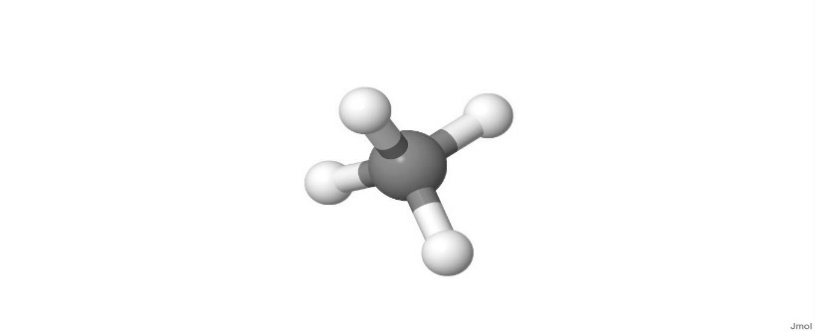
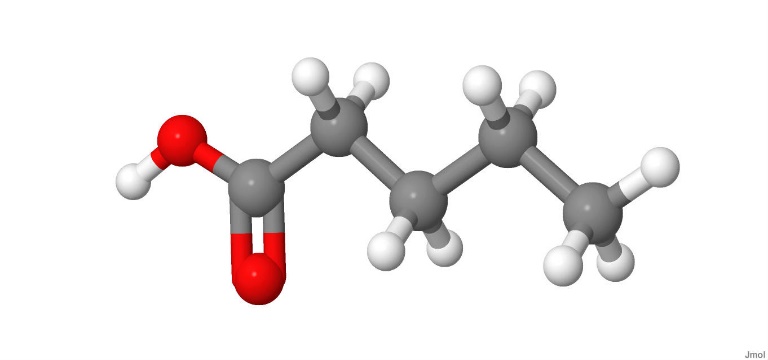
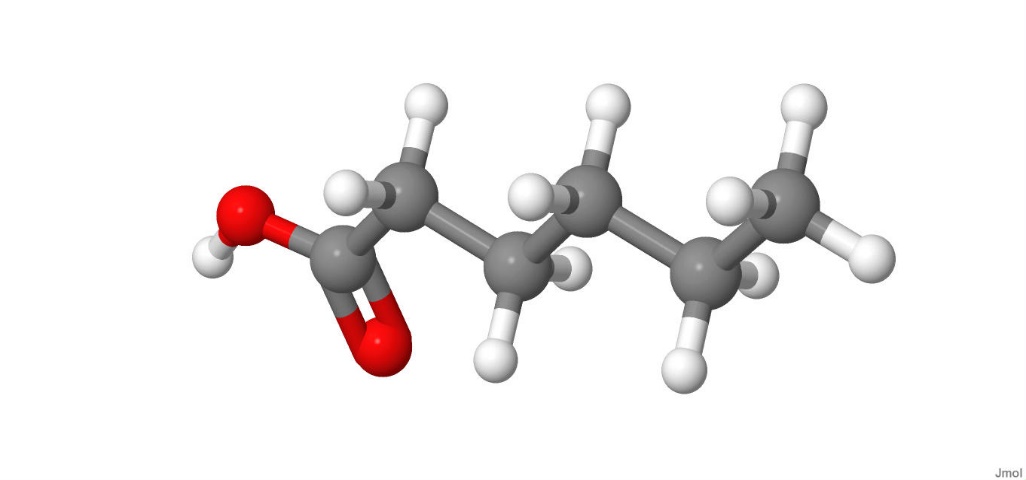
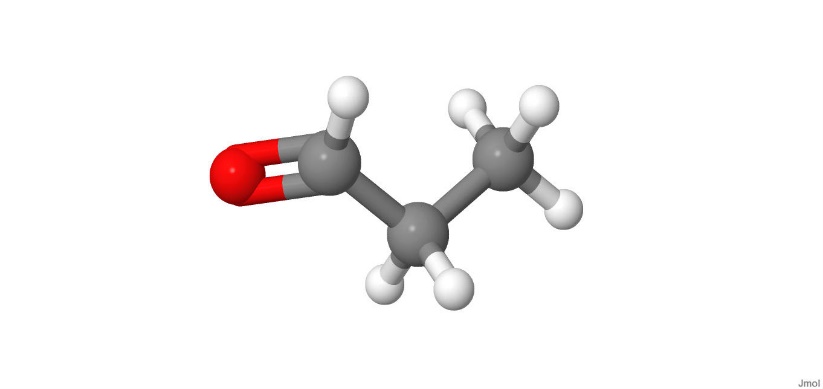
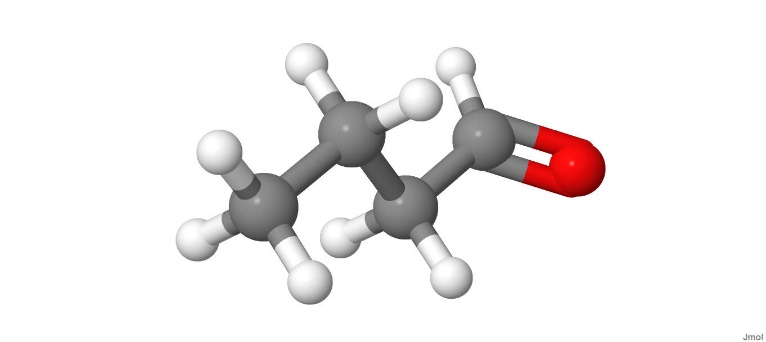
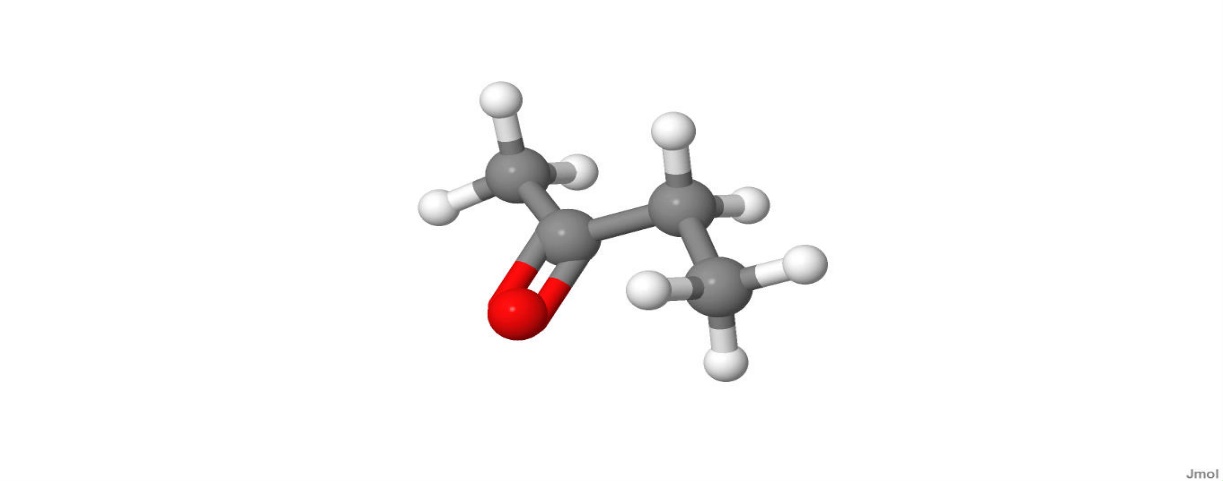
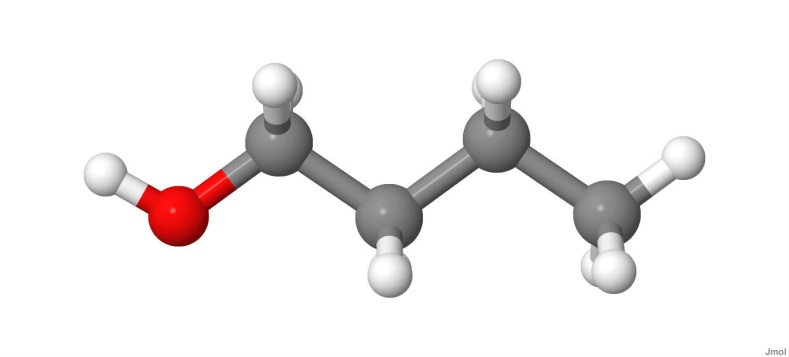
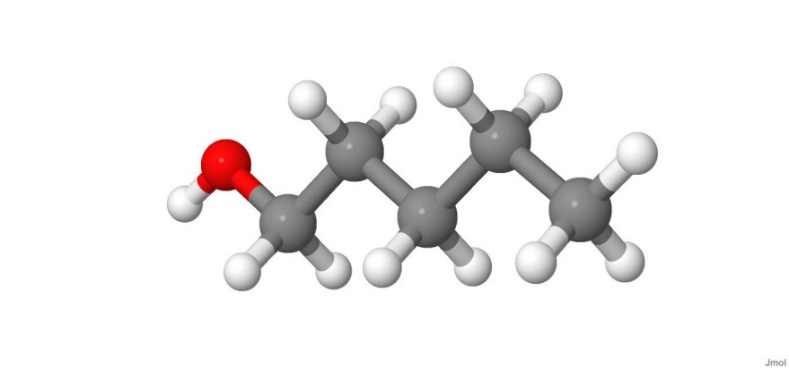
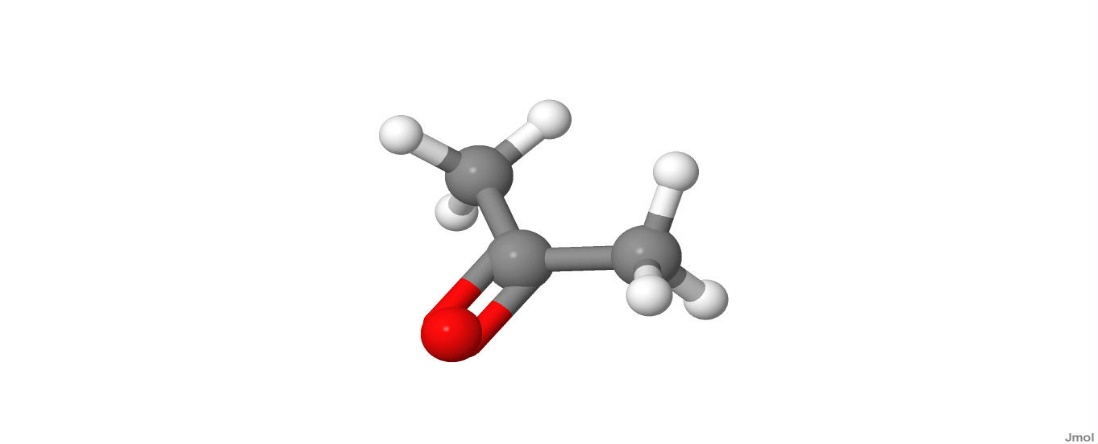
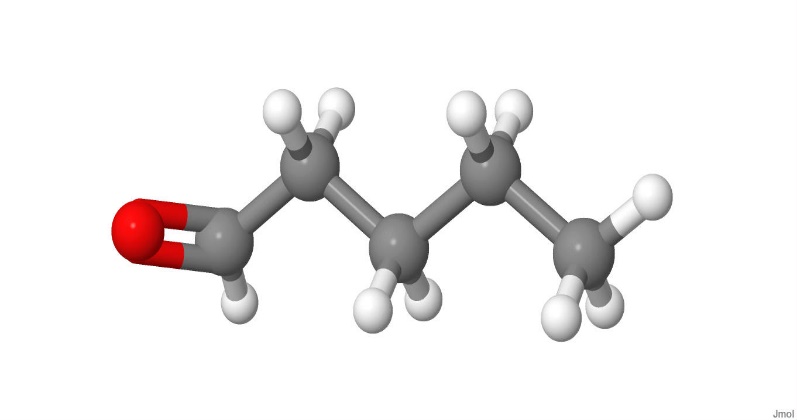
**AUFGABE: Ordne die Molekülmodelle den Strukturformeln der Tabelle zu und finde im Vergleich zur Tabelle fehlende und zusätzliche Molekülmodelle.**

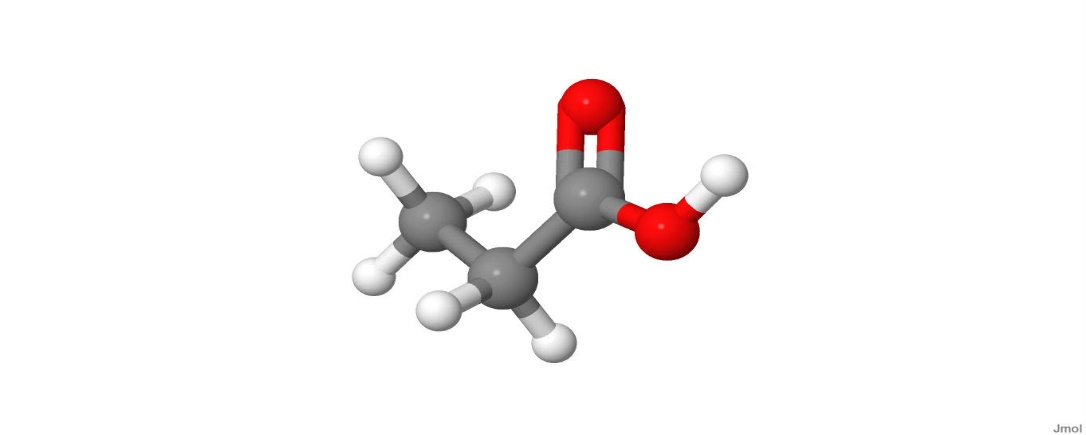
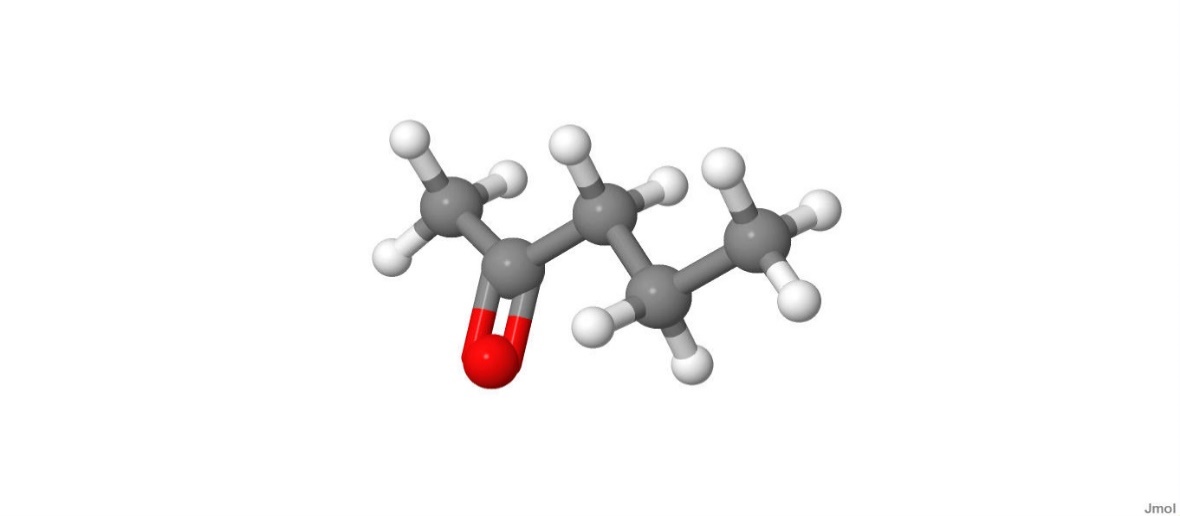
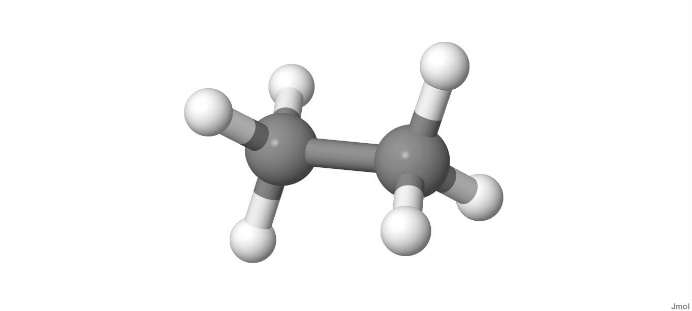
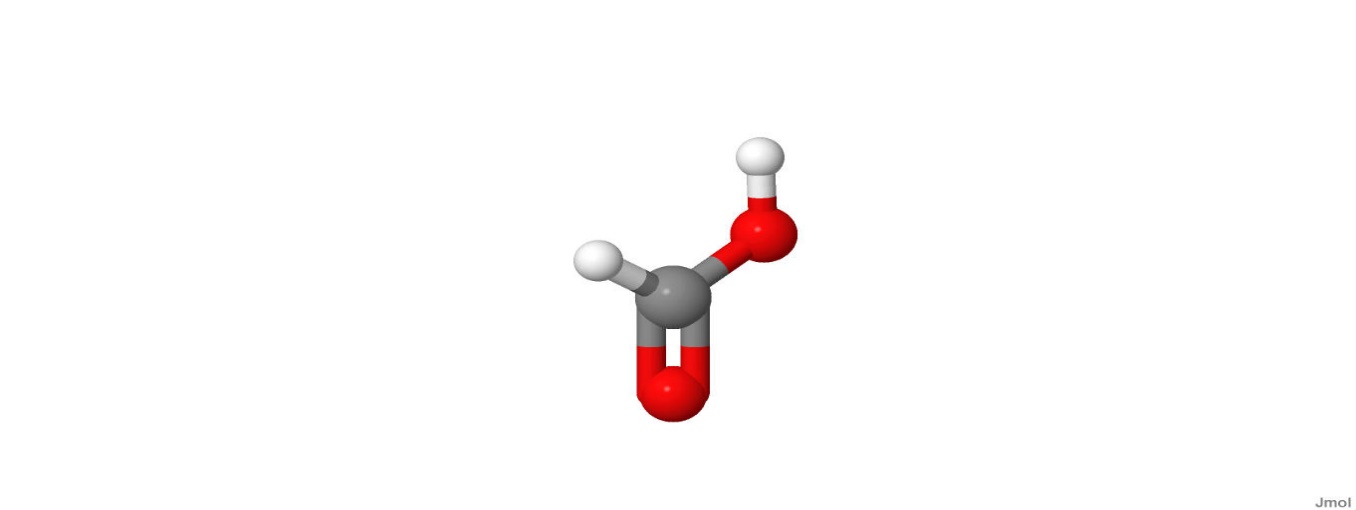


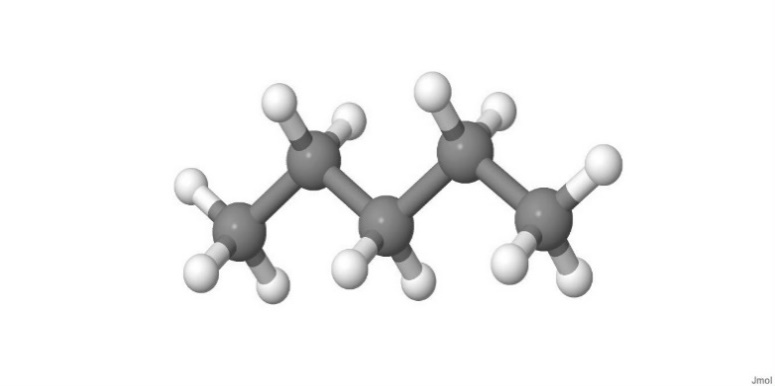
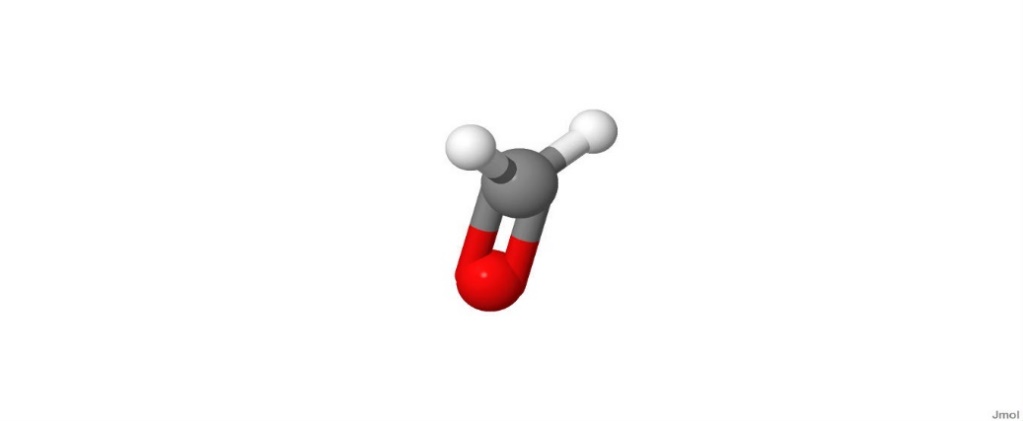












**Lösung –**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | | |  | | |  | | | | | |  | | |
| **1d** | | **2a** | | | | **3b** | | | **2b** | | | | | |  | | |
|  | | | |  | | |  | | | | |  | | | | | | | | | | | | | | |
| **5c** | | | | **1a** | | | **1c** | | | | | **2c** | | | | | | | | | | | | | | |
|  | |  | | | | | | | | | | |  | | |  |  | | |
| **3c** | | **5f (wäre nächstes Glied der homologen Reihe)** | | | | | | | | | | |  | | |  |  | | |
|  | | | | |  | | | | |  | | | | | | | | |  | | |  | | |
| **2d** | | | | | **4d** | | | | | **3d** | | | | | | | | |  | | |  | | |
|  | | | | |  | | |  | | | | | | | | | | |  | | | |  | | |
| **3e** | | | | | **4c** | | | **2e** | | | | | | | | | | |  | | | |  | | |
|  |  | |  | | | | | | | |  | | | | | | | | | |  | | |
| **5a** | **1b** | | **4e** | | | | | | | | **5c** | | | | | | | | | |  | | |
|  | |  | | | | | | | |  | | | | **?** | | | | | | |  | | |
| **1e** | | **3a** | | | | | | | |  | | | |  | | | | | | |  | | |

* **Bei Ketonen**
  + **fehlt 4a + 4b: gibt es NICHT – einfachstes Keton ist 4c**
* **Bei Carbonsäuren**
  + **fehlt 5b + 5d 🡪 selbst zeichnen**
  + **ist hier zusätzlich 5f (mit 6 C-Atomen) vorhanden: Hexansäure**