有機分子結構學習單

刪除表中的化學式和名稱，讓學生根據QR碼呈現的AR，繪出結構式並命名。 萬芳高中陳怡宏老師設計

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| 填入分子式 |  |  |  |
| 畫出結構式 |  |  |  |
| 命名 |  |  |  |
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| C4H10 | C5H12 | C5H12 | C5H12 |
| 2-甲基丙烷 | 戊烷 | 2-甲基丁烷 | 2,2-二甲基丙烷 |
| 2-methylpropane | pentane | 2-methylbutane | 2,2-dimethylpropane |
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| C6H14 | C6H14 | C6H14 | C6H14 |
| 己烷 | 2-甲基戊烷 | 3-甲基戊烷 | 2,2-二甲基丁烷 |
| hexane | 2-methylpentane | 3-methylpentane | 2,2-dimethylbutane |
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| C6H14 | C2H4 | C3H6 | C4H8 |
| 2,3-二甲基丁烷 | 乙烯 | 丙烯 | 1-丁烯 |
| 2,3-dimethylbutane | ethene | propene | 1-butene |
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| C4H8 | C4H8 | C4H8 | C5H10 |
| 順-2-丁烯 | 反-2-丁烯 | 2-甲基丙烯 | 1-戊烯 |
| cis-2-butene | trans-2-butene | 2-methylpropene | 1-pentene |
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| C5H10 | C5H10 | C5H10 | C5H10 |
| 順-2-戊烯 | 反-2-戊烯 | 2-甲基-1-丁烯 | 2-甲基-2-丁烯 |
| cis-2-pentene | trans-2-pentene | 2-methyl-1-butene | 2-methyl-2-butene |
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| C5H10 | C6H6 | C2H2 | C3H4 |
| 3-甲基-1-丁烯 | 苯 | 乙炔 | 丙炔 |
| 3-methyl-1-butene | benzene | ethyne | propyne |
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| C4H6 | C4H6 | C5H8 | C5H8 |
| 1-丁炔 | 2-丁炔 | 1-戊炔 | 2-戊炔 |
| 1-butyne | 2-butyne | 1-pentyne | 2-pentyne |
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| C5H8 | C5H8 | C6H10 | C8H10 |
| 3-甲基-1-丁炔 | 環戊烯 | 環己烯 | 1,2-二甲苯 |
| 3-methyl-1-butyne | cyclopentene | cyclohexene | 1,2-dimethylbenzene |
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| C8H10 | C8H10 | C8H10 | C3H6 |
| 1,3-二甲苯 | 1,4-二甲苯 | 乙苯 | 環丙烷 |
| 1,3-dimethylbenzene | 1,4-dimethylbenzene | ethylbenzene | cyclopropane |
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| C4H8 | C4H8 | C5H10 | C5H10 |
| 環丁烷 | 甲基環丙烷 | 環戊烷 | 甲基環丁烷 |
| cyclobutane | methylcyclopropane | cyclopentane | methylcyclobutane |
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| C5H10 | C5H10 | C5H10 | C5H10 |
| 乙基環丙烷 | 1,1-二甲基環丙烷 | 順-1,2-二甲基環丙烷 | 反-1,2-二甲基環丙烷 |
| ethylcyclopropane | 1,1-dimethylcyclopropane | cis-1,2-dimethylcyclopropane | trans-1,2-dimethylcyclopropane |
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| C10H8 | C12H10 | C14H10 | C14H10 |
| 萘 | 聯苯 | 蒽 | 菲 |
| naphthalene | biphenyl | anthracene | phenanthrene |
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