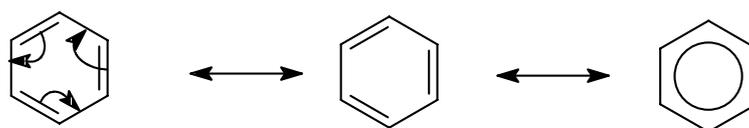




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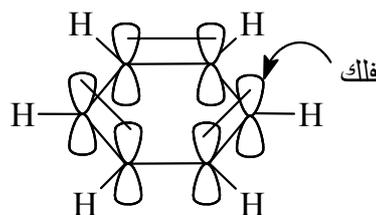
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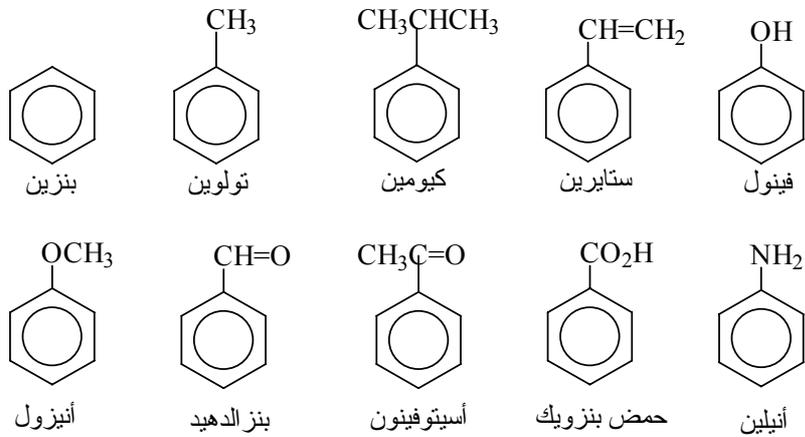
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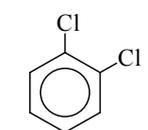
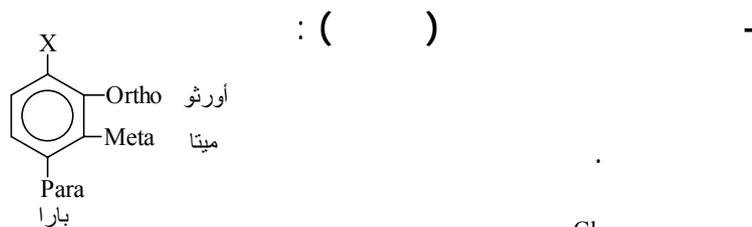
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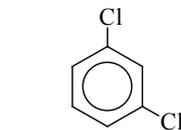
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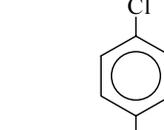




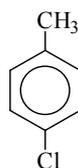
أورثو ثنائي كلورو



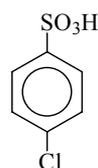
ميثا ثنائي كلورو بنزين



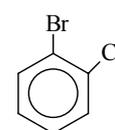
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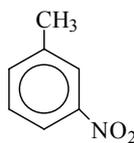
بارا كلورو تولوين

بارا كلورو بنزين  
حمض البنزويك

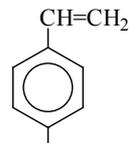
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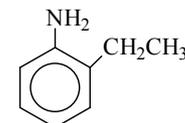
أورثو كلورو برومو بنزين



ميثا نيترو تولوين



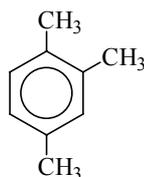
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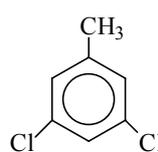
أورثو ايثايل انيلين

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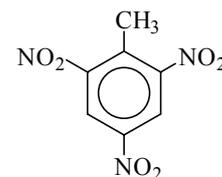
(1)



ثلاثي ميثايل بنزين (4,2,1)



ثنائي كلورو تولوين (5,3)



ثلاثي نيترو تولوين (6,4,2)

:1-4

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- ( b . - ( a

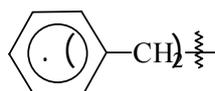
- ( d . - ( c

( 5 3 1 ) - ( e

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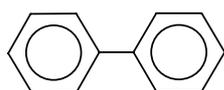
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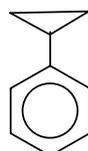
( H - C<sub>6</sub>H<sub>6</sub> )CH<sub>2</sub>. (C<sub>6</sub>H<sub>5</sub>-)

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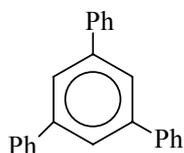
باي فينايل



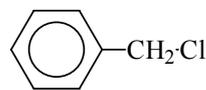
فينايل سايكلو بروبان

CH<sub>3</sub>CHCH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>

-2 فينايل بنتان



ثلاثي فينايل بنزين ( 5 , 3 , 1 )



بنزايل كلورايد

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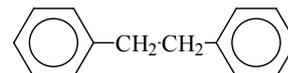
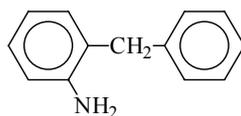
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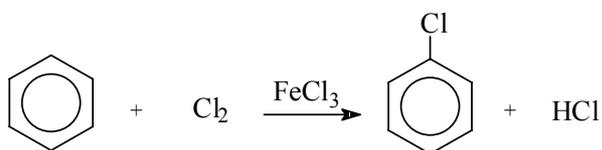


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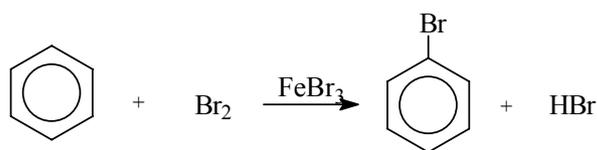
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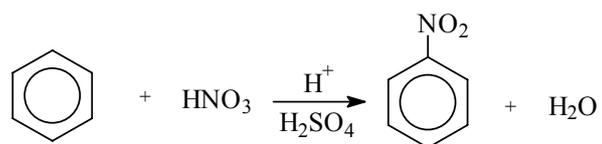
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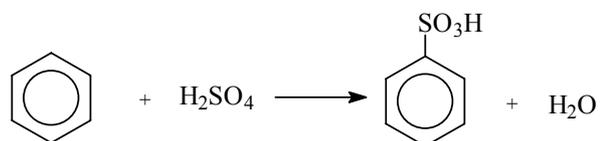
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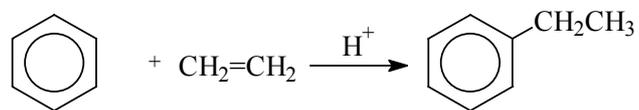
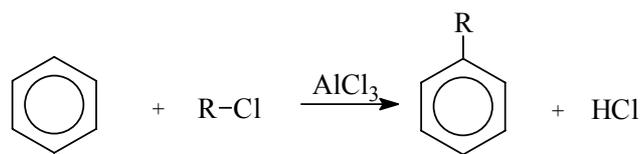
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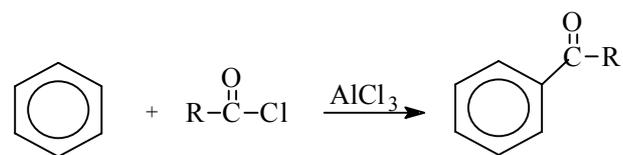
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\_\_\_\_\_ : \_\_\_\_\_ - 5-3-4

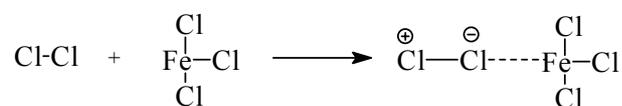
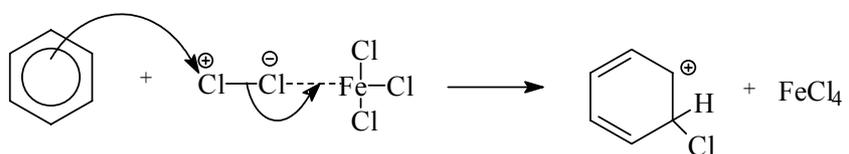


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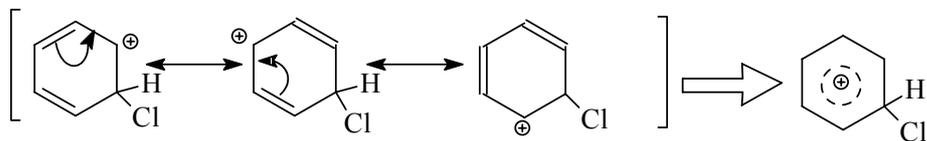
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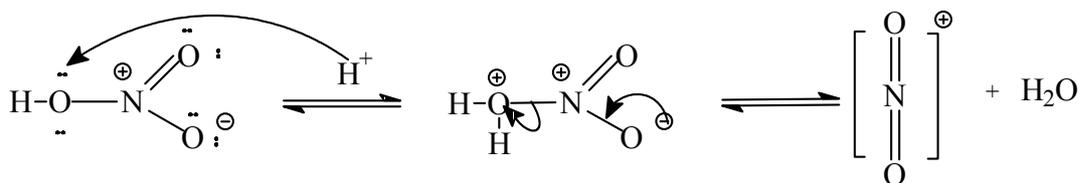
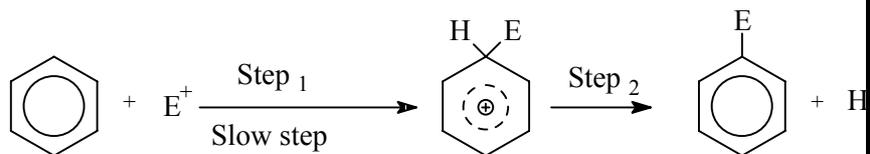
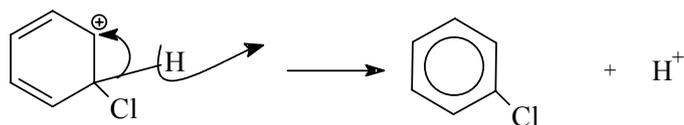
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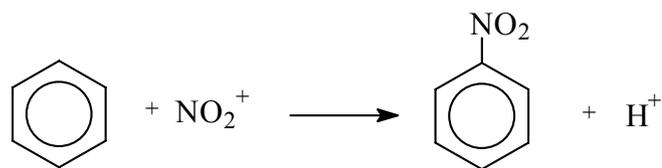
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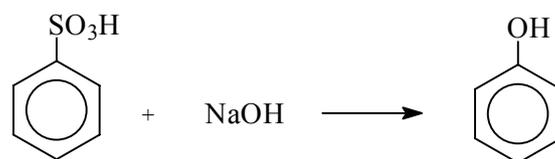
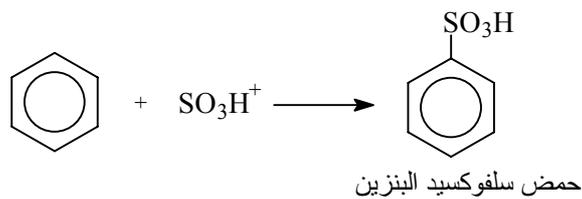


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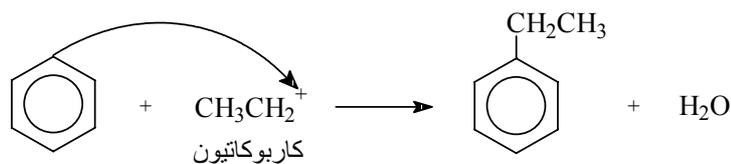
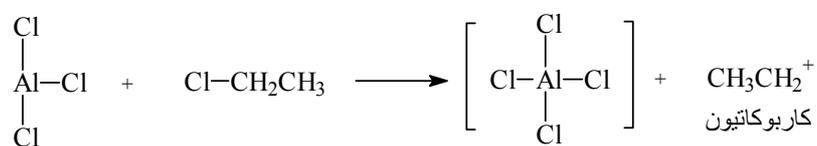




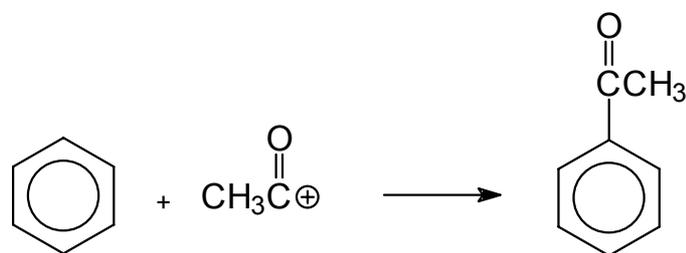
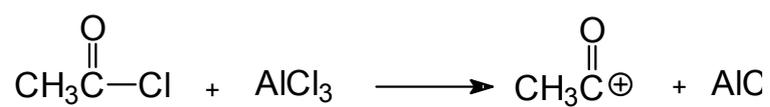
$\text{HSO}_3^+$  ( ) : \_\_\_\_\_ -2



( - ) : \_\_\_\_\_ -3  
(  $\text{AlCl}_3$  )



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. ( ) ( -COR ) ( -SO<sub>3</sub>H ) ( -C≡N )

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