

Aromatic Substitution Reactions

1. The correct systematic name for the aromatic compound shown is



(b) 1-ethyl-3-methylbenzene

(c) 1-ethyl-4-methylbenzene (this ring must be numbered to give the lowest

number substituent an alphabetical)

(d) 1-ethyl-2-methyl-4-methylbenzene (this substituent prefix appears in its alphabetical order)

(e) 1-ethyl-2-methyl-4-methylbenzene (this substituent prefix appears in its alphabetical order)



(b) 1-ethyl-3-methylbenzene

2. Which of the following aromatic compounds is not aromatic? (Which of the following aromatic compounds is not aromatic?)

- (a) Benzene
(b) Toluene
(c) Ethylbenzene
(d) Propylbenzene

3. Which of the following aromatic compounds is not aromatic? (Which of the following aromatic compounds is not aromatic?)



(b) 1,3,5-trimethylbenzene

4. Which of the following aromatic compounds is not aromatic? (Which of the following aromatic compounds is not aromatic?)



(b) 1,3,5-trimethylbenzene

(c) 1,3,5-trimethylbenzene (this ring must be numbered to give the lowest

number substituent an alphabetical)

5. Which of the following aromatic compounds is not aromatic? (Which of the following aromatic compounds is not aromatic?)

- (a) Benzene
(b) Toluene
(c) Ethylbenzene
(d) Propylbenzene

6. Which of the following aromatic compounds is not aromatic? (Which of the following aromatic compounds is not aromatic?)

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Raymond Chang



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