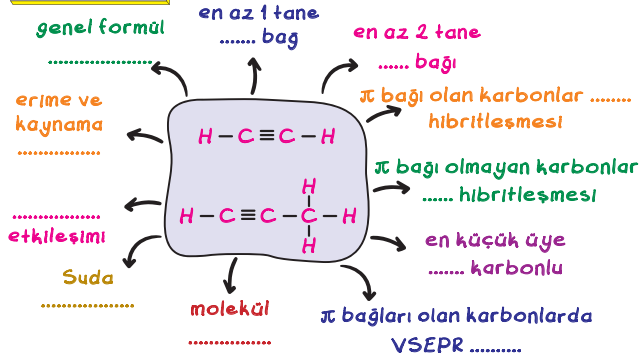


ALKİNLER



SORU

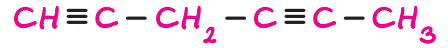
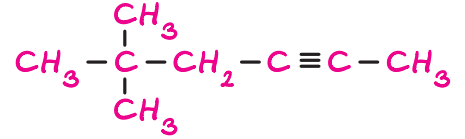
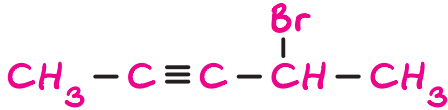
Düz zincir yapı ve 2 tane π bağı içeren bir hidrokarbon ile ilgili aşağıda verilen bilgilerden hangisi bu hidrokarbonun bir alkin olduğunu açıklamak için tek başına yeterlidir?

- A) Genel formülü $C_n H_{2n-2}$ 'dir.
 B) Tanecikleri arasında London etkileşimleri vardır.
 C) Suda çok az çözünür.
 D) Bromlu suyun rengini giderir.
 E) Yanyana iki karbonu sp hibritleşmesi yapmıştır.



ADLANDIRMA

- Ana grubu belirle
- Üçlü bağa en yakın uçtan numaralandırmaya başla
- Yan grupları karbon numaraları ile belirle
- Üçlü bağ içeren karbon numarasını yaz
- Ana grup sayısına göre alkin ismi ver



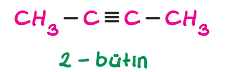
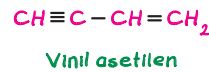
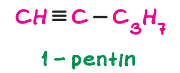
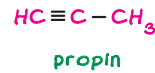
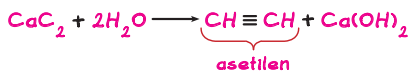
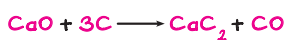
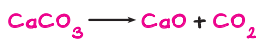
SORU



Bu bileşiğin IUPAC ismi hangi seçenekte doğru verilmiştir?

- A) 1-bromo-3,5-heptadiin
 B) 7-bromo-3,5-heptadiin
 C) 1-bromo-4,6-heptadiin
 D) 7-bromo-2,4-hepten
 E) 7-bromo-2,4-heptadiin

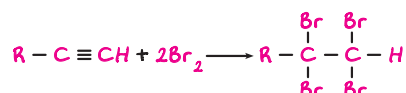
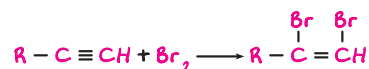
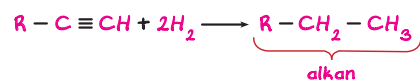
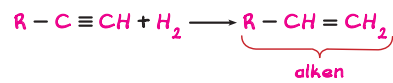
ÖZEL ADLANDIRMA

ASETİLEN (C_2H_2)

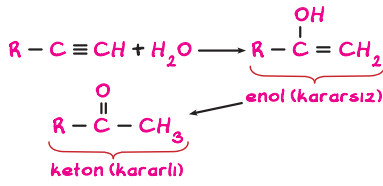
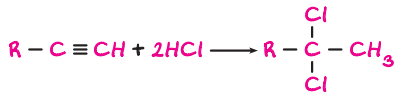
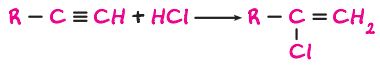
- Metal ve kaynak ısıları
 → Yüksek basınçta patlar

TEPKİMLER

• Katılma



Markovnikov'u Hatırla



SORU

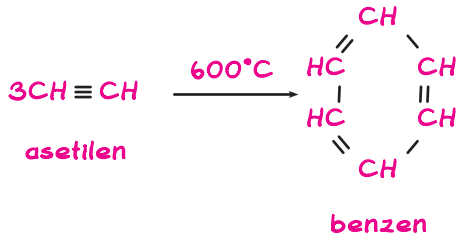
1 mol propin bileşiğinin yeterince HBr ile artansız tepkimesinden elde edilen ana ürün aşağıdakilerden hangisidir?

- A) 2-bromo-propen
- B) 1-bromo-propen
- C) 2,2-dibromo-propan
- D) 1,2-dibromo-propan
- E) 1,1-bromo-propan

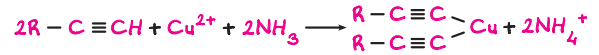
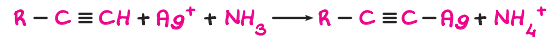
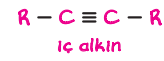
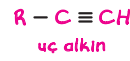


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Polimerleşme



Yer Değiştirme



kimya

SORU

1 mollar bir bileşik, 2 şer mol Ag^+ ve NH_3 içeren bir çözelti ile artansız tepkime vermektedir.

Buna göre bu bileşiğin formülü

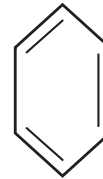
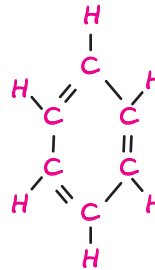


hangileri olabilir?

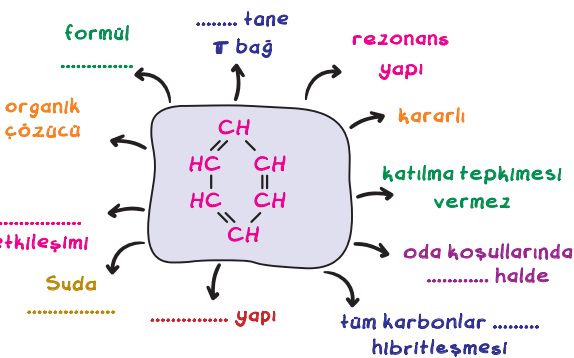
- A) Yalnız I
- B) Yalnız III
- C) I ve II
- D) II ve III
- E) I, II ve III



AROMATİK BİLEŞİKLER (ARENLER)



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SORU

Doymamış alifatik hidrokarbonlar yapılarındaki π bağı sayesinde katılma tepkimesi verebilirler.

Buna göre,

I. heksan

II. 1-heksen

III. 1-heksin

IV. benzen

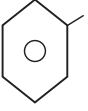
bileşiklerinden hangileri bromlu suyun rengini giderir?

- A) Yalnız I
- B) II ve III
- C) I ve IV
- D) I, II ve III
- E) II, III ve IV

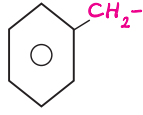


kimya

Radikalleri

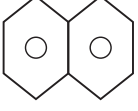


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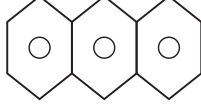


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Çok Halkalı Bileşikler

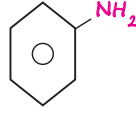


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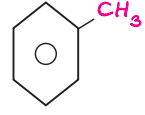


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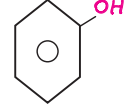
Tek Halkalı Bileşikler



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SORU

- I. Anilin
- II. Toluen
- III. Fenol

Bileşiklerinden hangilerinin sulu çözeltisinin pH değerinin 25°C'de 7'den küçük olması beklenir?

- A) Yalnız I B) Yalnız III C) I ve II
D) II ve III E) I, II ve III



kimya

ÖDÜLLÜ SORU

- I. benzen
- II. propen
- III. 1,3 butadien

Bu bileşiklerden hangilerinin yapısındaki tüm karbonlar sp^2 hibritleşmesi yapmıştır?