Organic Chemistry



1.1 Coulombic Forces and Representation of Structure1.2 Polarity, Dipole Moments and Formal Charge

Recommended reading for this topic:

Lesson I.1-2 in *Organic Chemistry 1 Primer 2018*, by Rhett C. Smith, Andrew G. Tennyson and Tania Houjeiry

Additional Videos and how to match videos to your course text book: ProtonGuru.com



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Provide a suitable Lewis structure for a neutral compound with the formula CH_2N_2 .







Which molecule has the largest dipole moment (μ)?

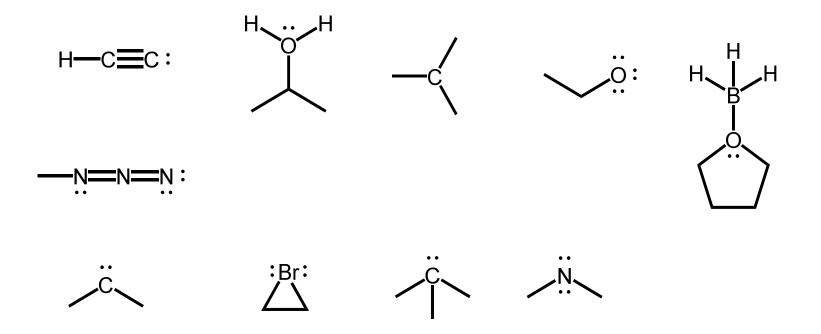
(A) CH₄
(B) CF₄
(C) CH₂Cl₂
(D) CO₂



Which molecule has the largest dipole moment (μ)?

(A) SiH₄
(B) CF₄
(C) CH₂Cl₂
(D) CH₂F₂

Provide all nonzero formal charges in the structures provided:



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