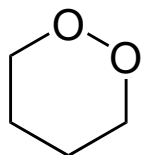
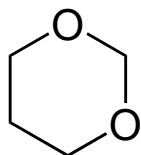


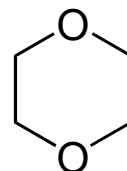
One of the following compounds acts like an ether (good solvent, unreactive), another is potentially explosive when heated, and another reacts quickly with aqueous acid. Match each structure to its description.



1,2-dioxane



1,3-dioxane



1,4-dioxane

A) explosive

ordinary ether

reacts with H_3O^+

B) explosive

reacts with H_3O^+

ordinary ether

C) reacts with H_3O^+

explosive

ordinary ether

D) reacts with H_3O^+

explosive

explosive

E) ordinary ether

reacts with H_3O^+

explosive