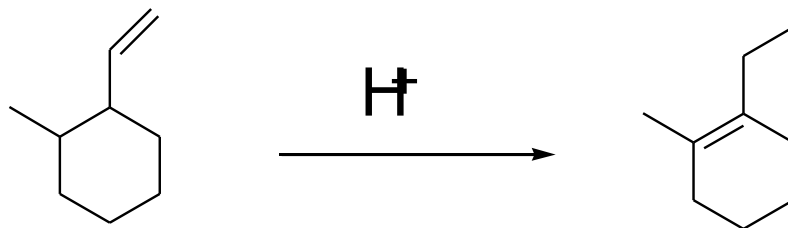


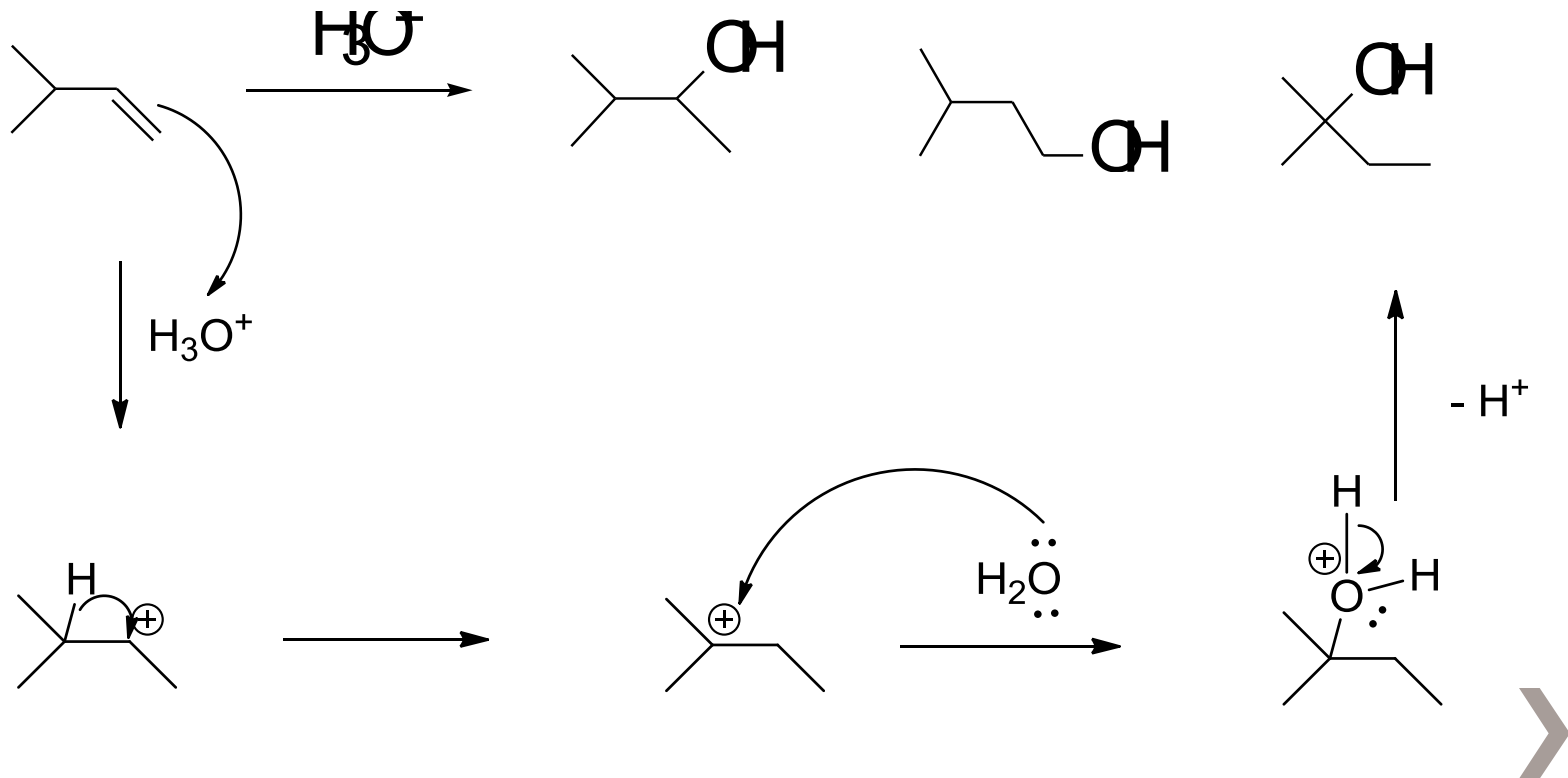
ALKENY, ALKYNY



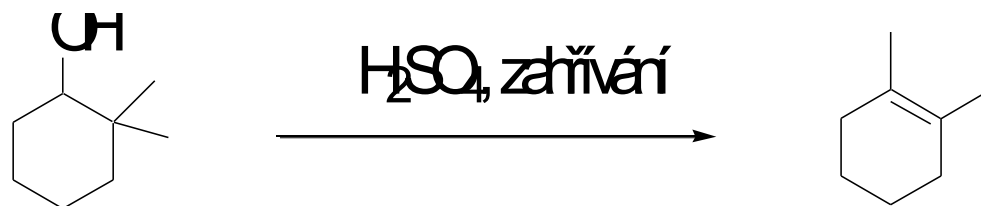
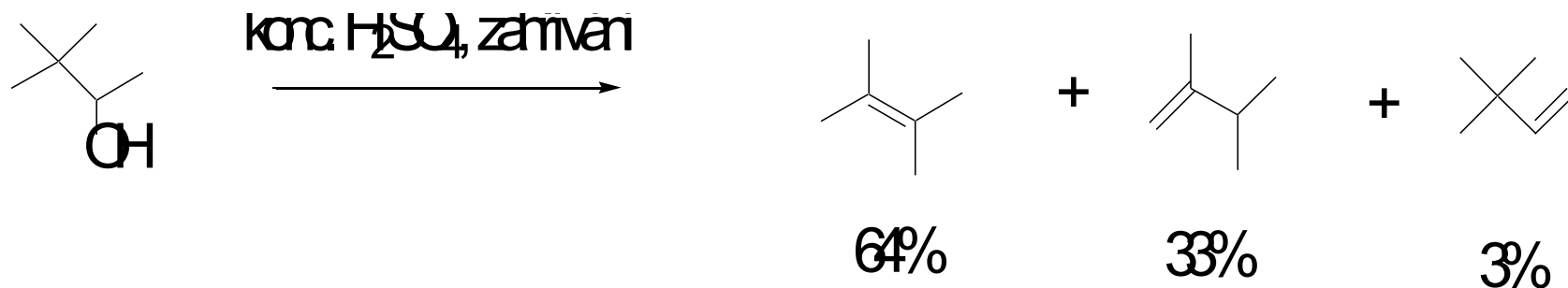
» Navrhňte mechanismus pro kyselé katalyzovanou izomeraci uvedeného alkenu

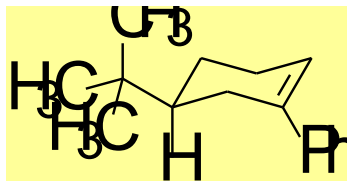
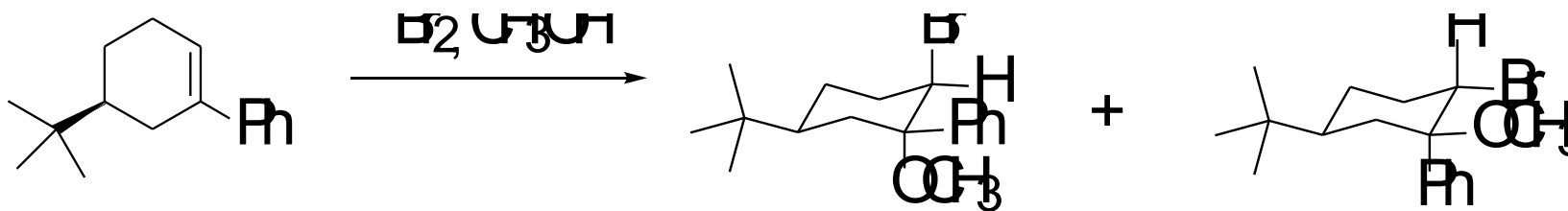
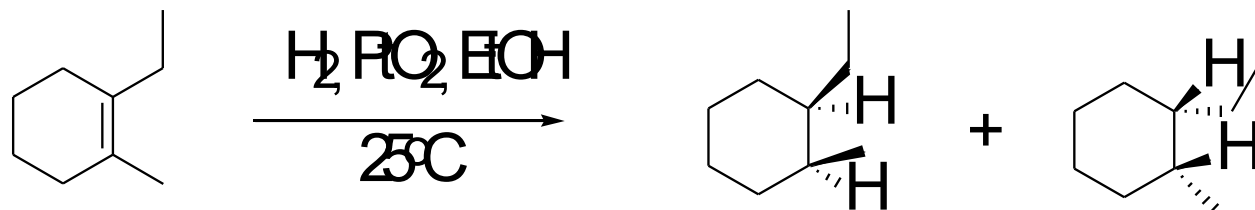
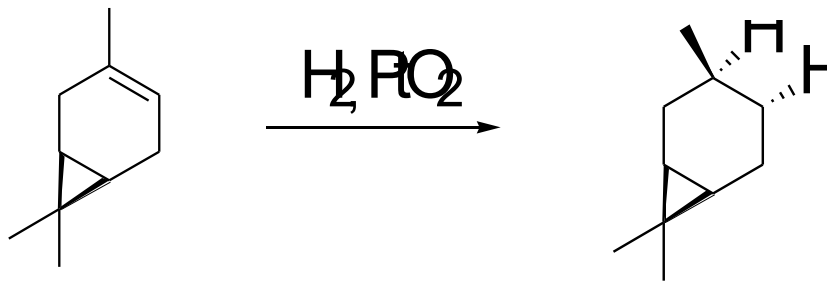


» Určete, která ze sloučenin bude hlavním produktem reakce a navrhnete mechanismus jeho vzniku

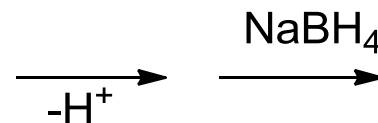
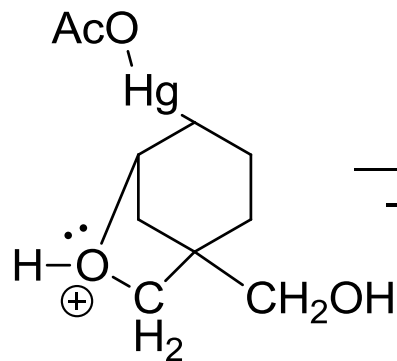
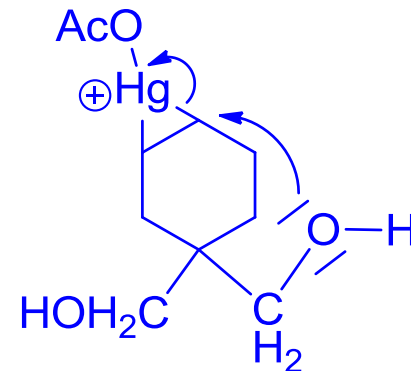
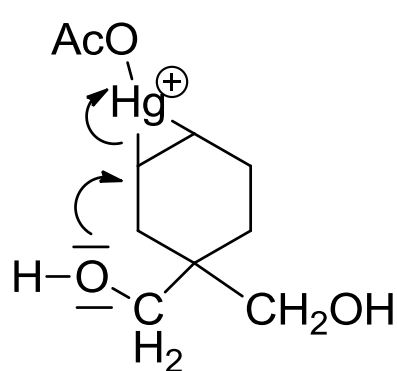
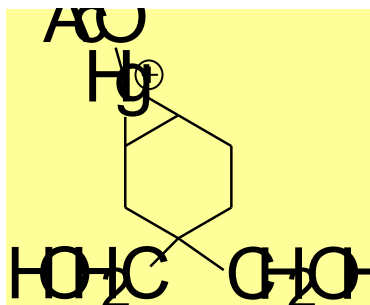
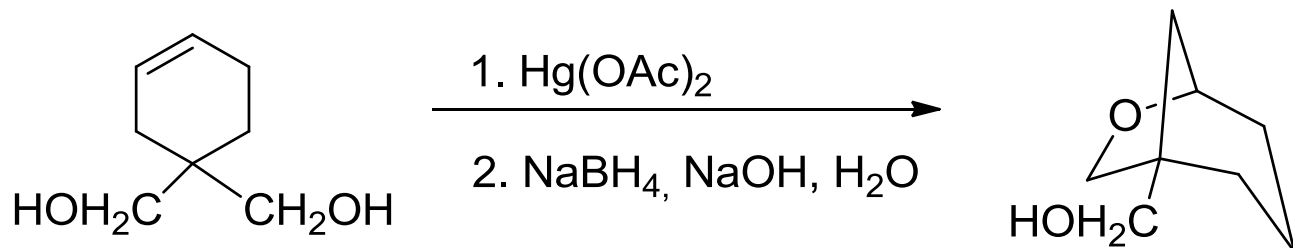


» Navrhněte mechanismus vzniku hlavního produktu uvedené reakce

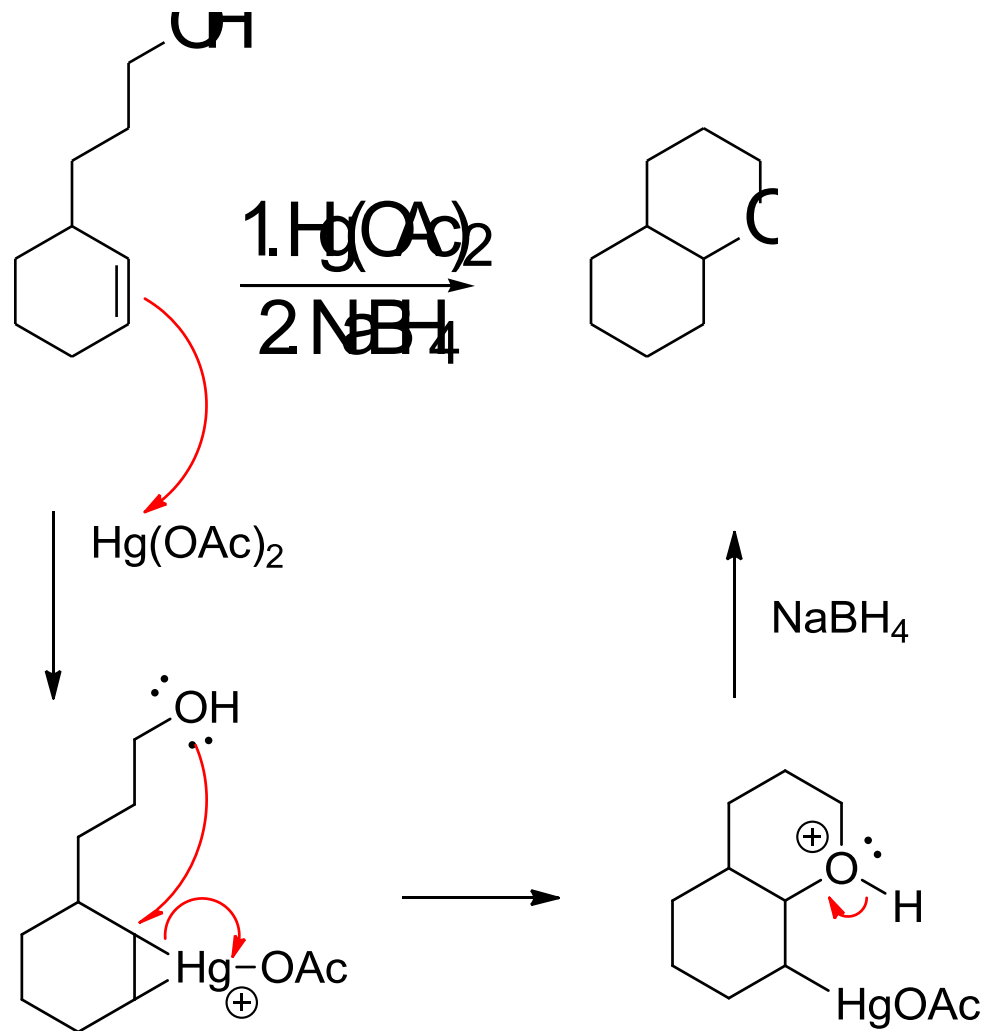




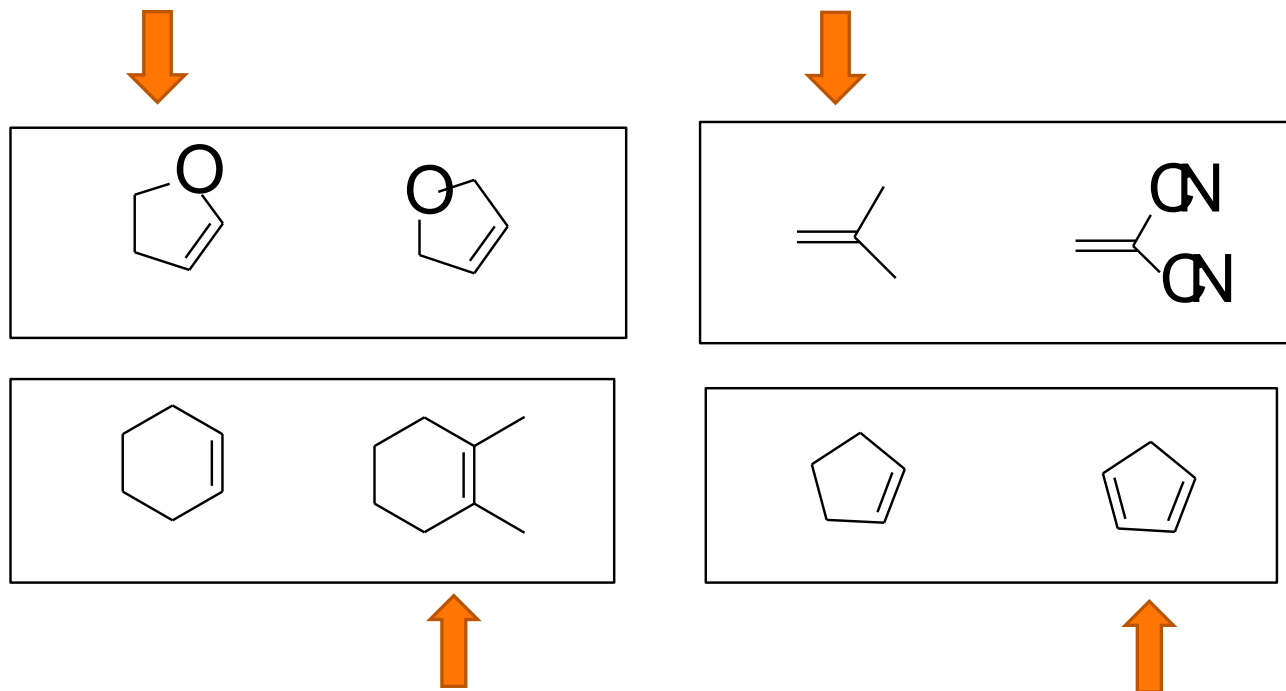
» Navrhňte mechanismus pro následující reakci



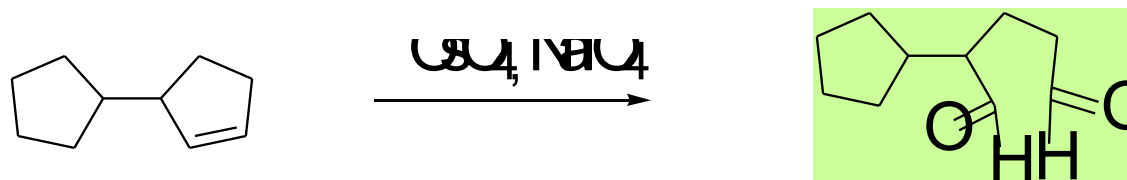
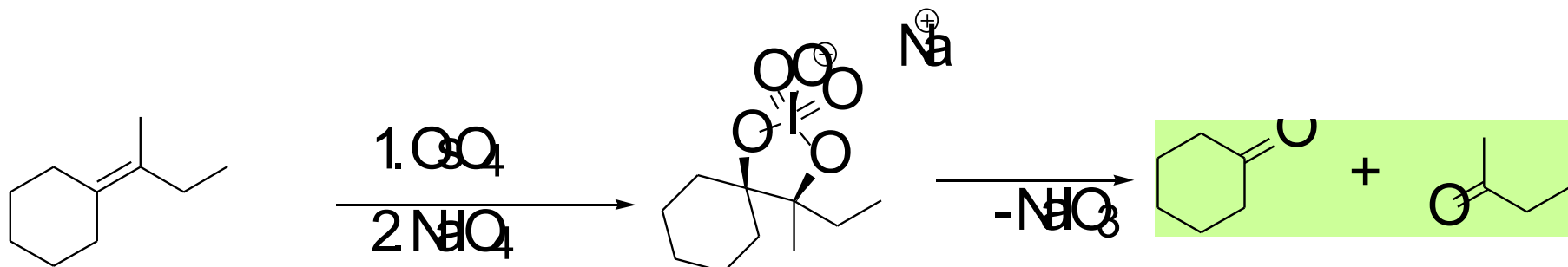
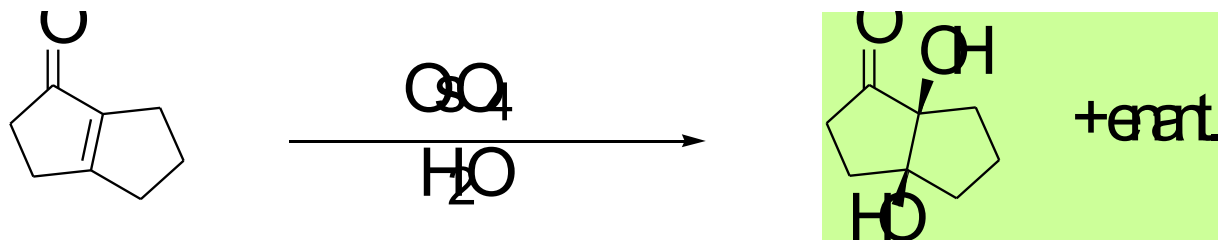
» Navrhňte mechanismus pro následující reakci



» Ve dvojicích rozhodněte, který substrát bude rychleji reagovat s 1 ekv. *m*-CPBA

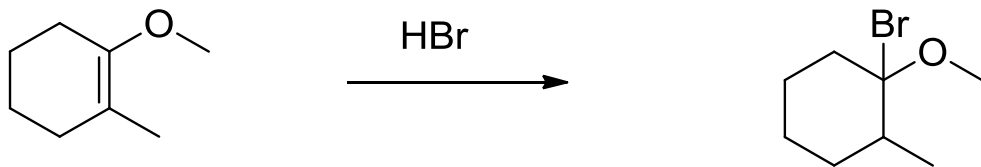
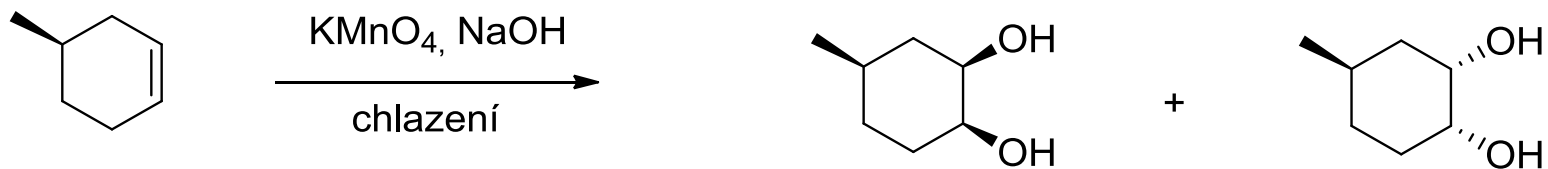


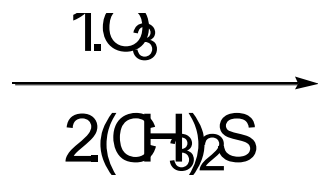
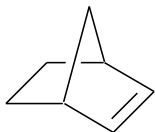
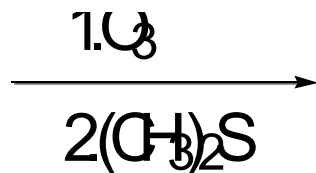
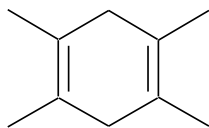
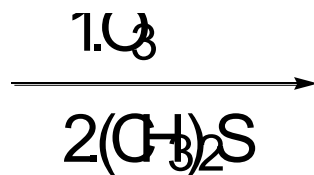
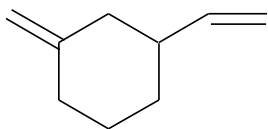
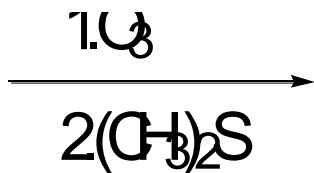
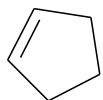
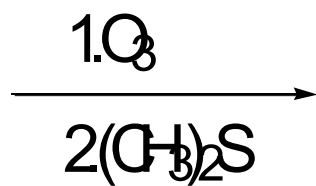
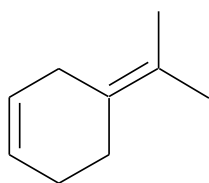
» Doplňte produkty reakcí včetně správné stereochemie

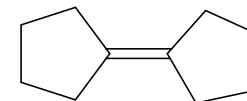
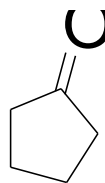
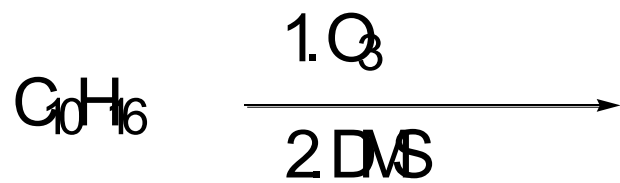
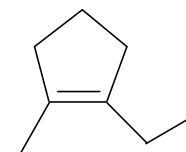
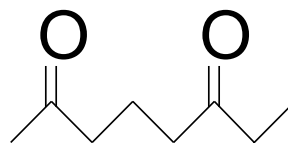
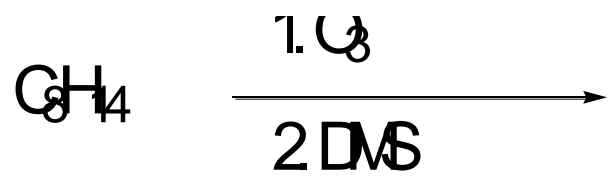


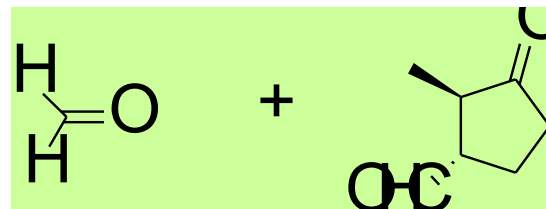
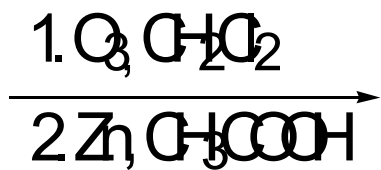
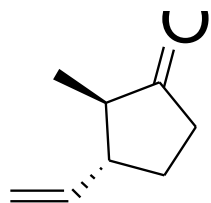
oxidativní štěpení diolů



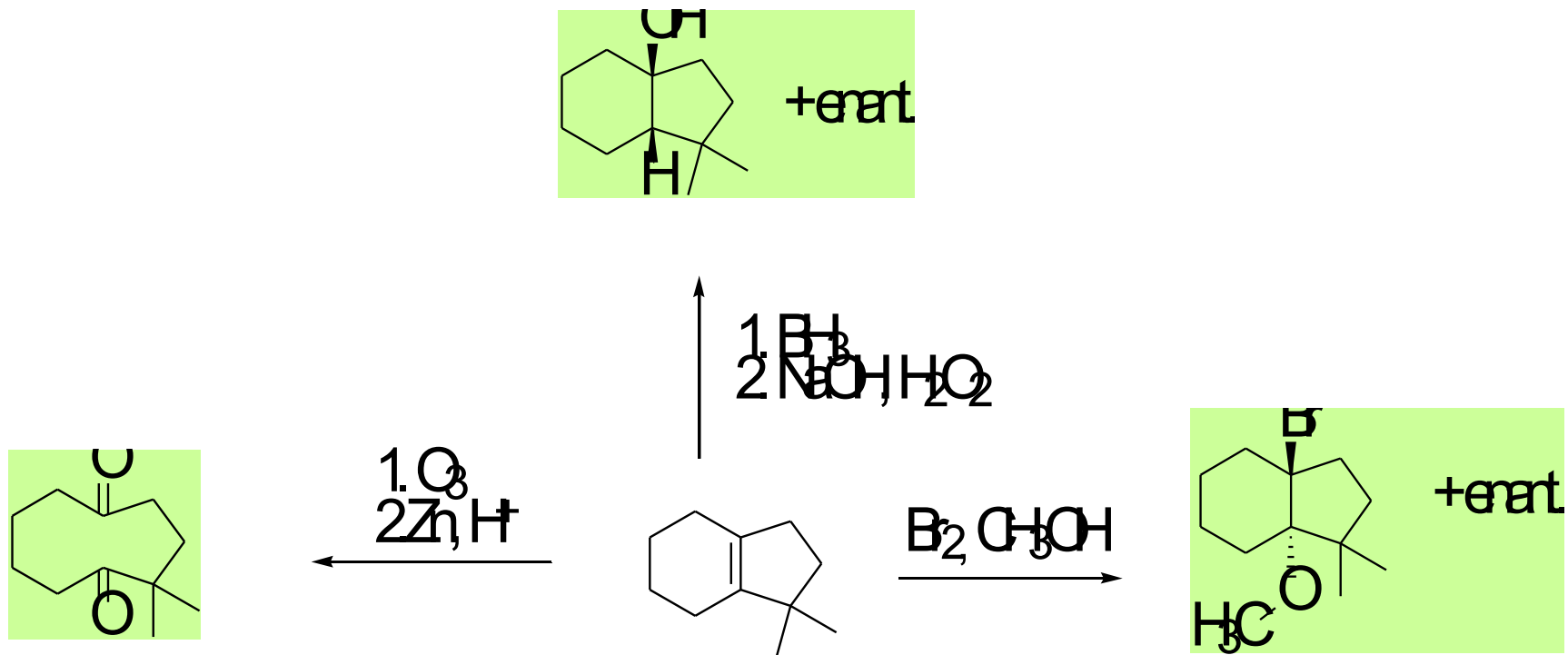




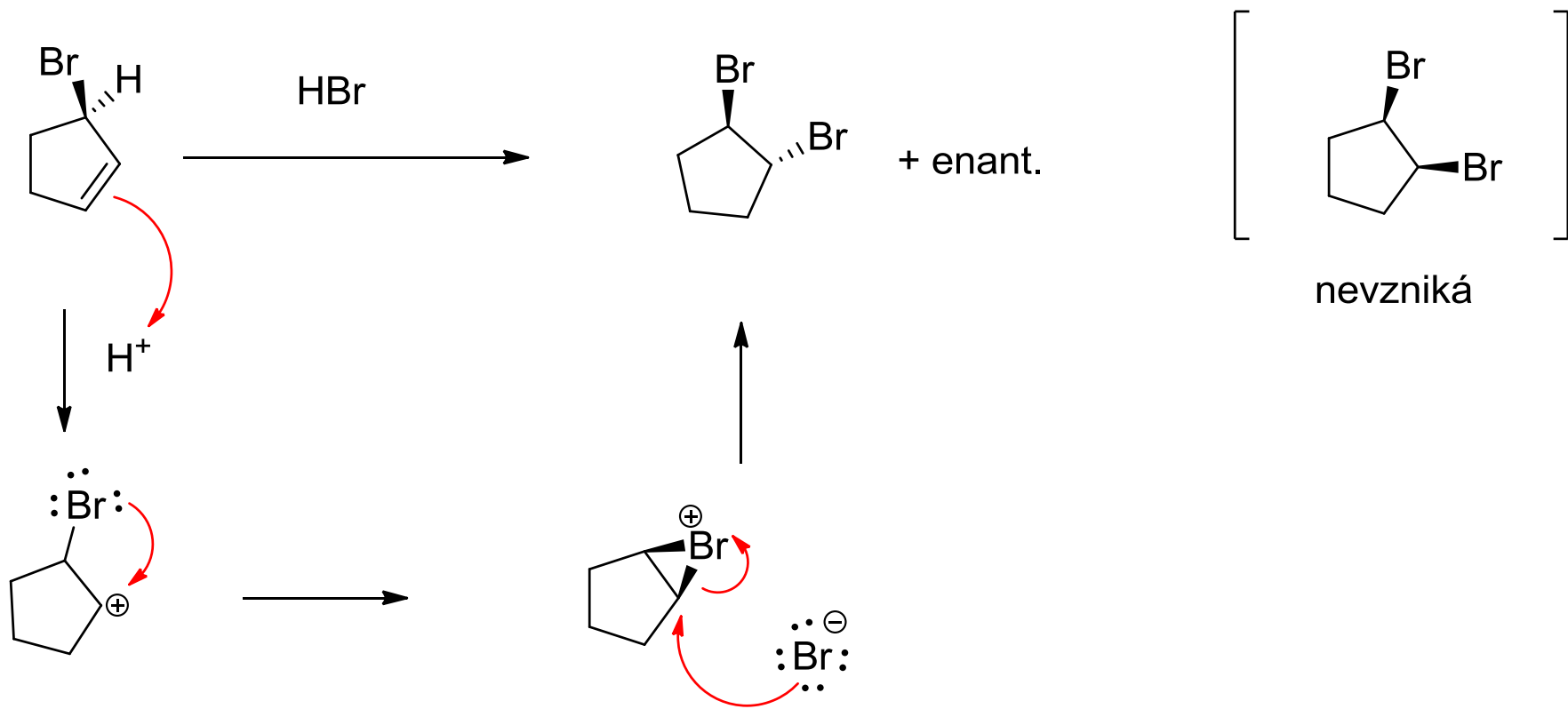




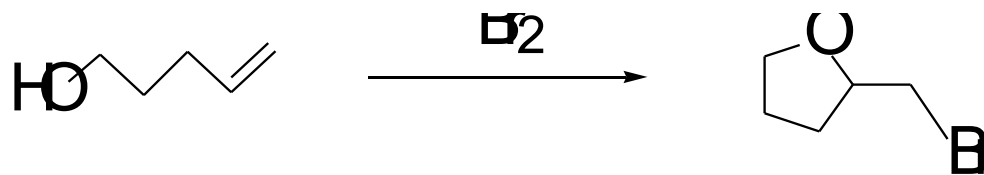
» Doplňte produkty reakcí včetně správné stereochemie



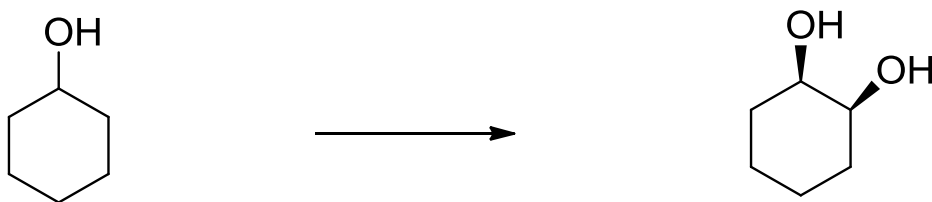
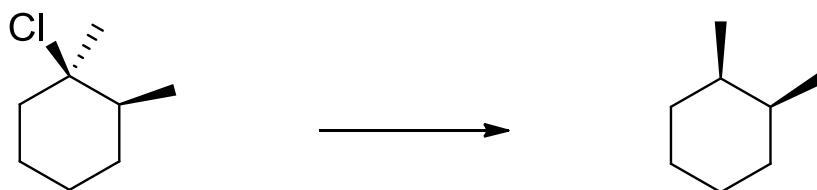
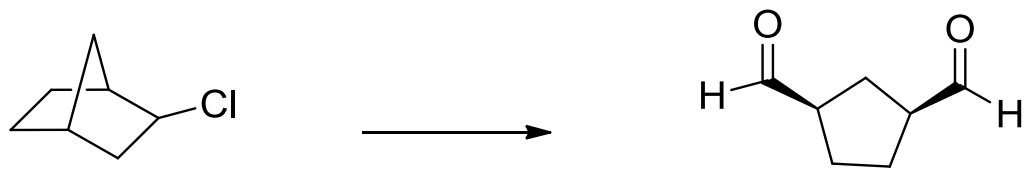
» Zdůvodněte

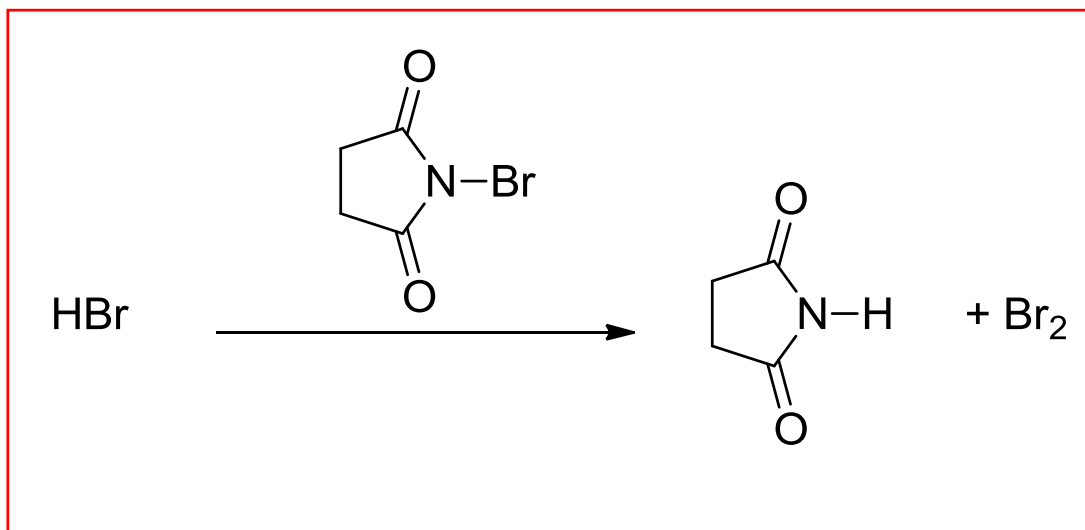
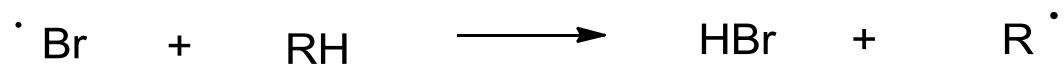
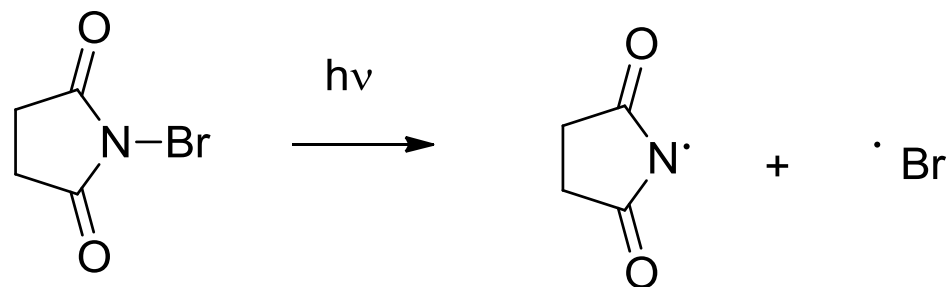


» Navrhněte mechanismus následující přeměny

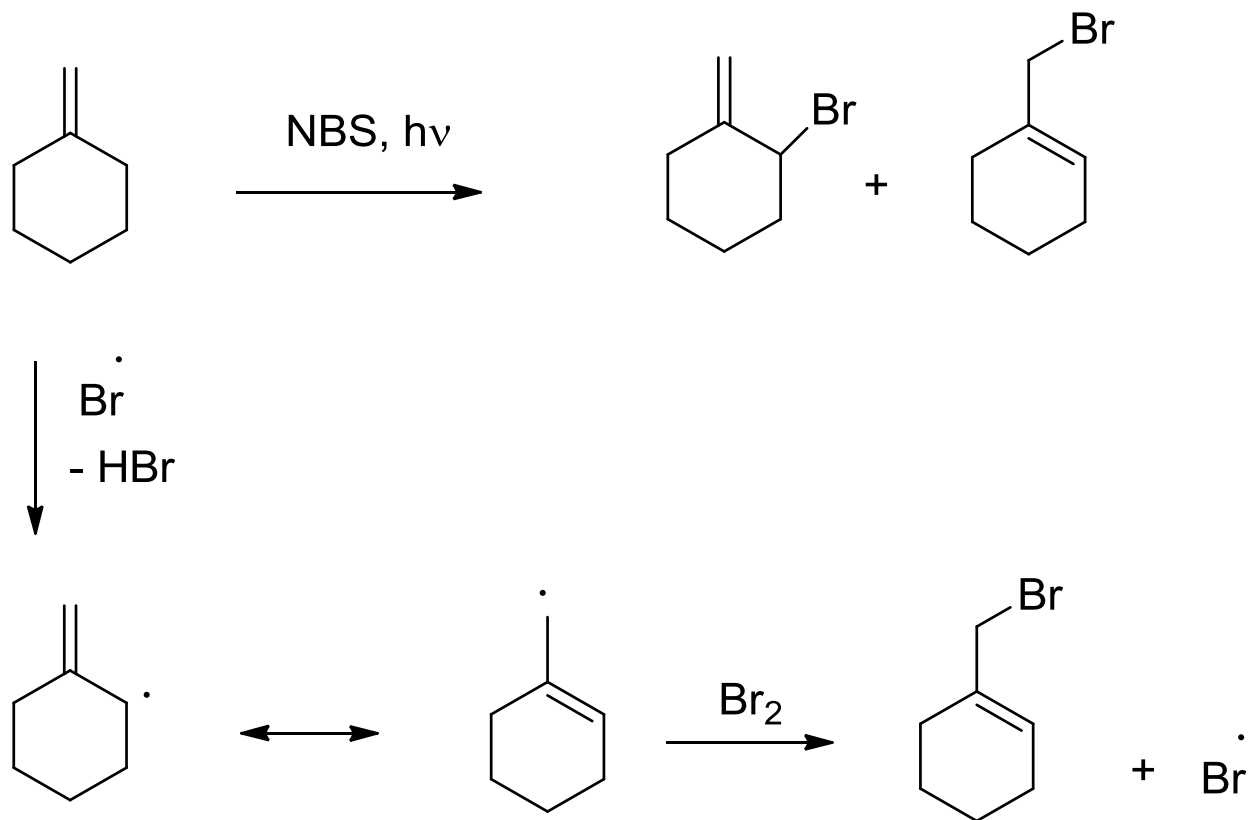


» Navrhněte syntézu uvedených sloučenin

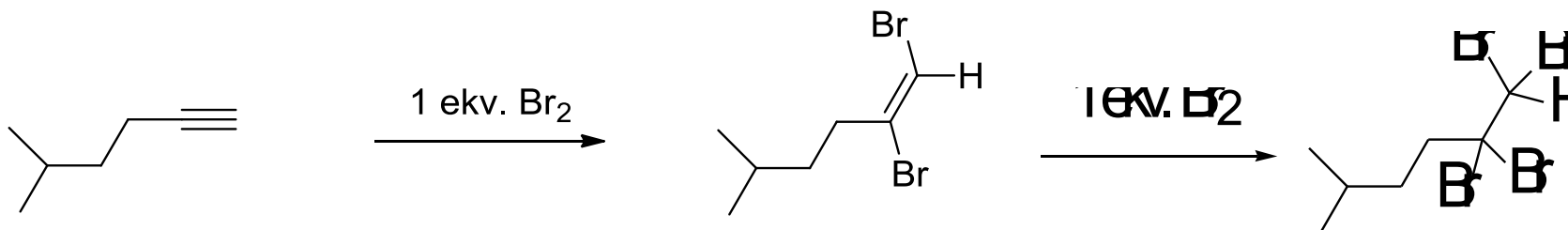




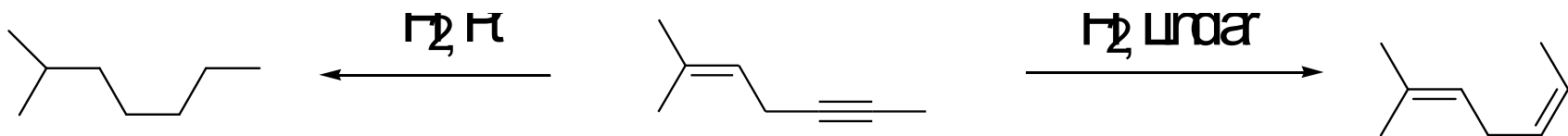
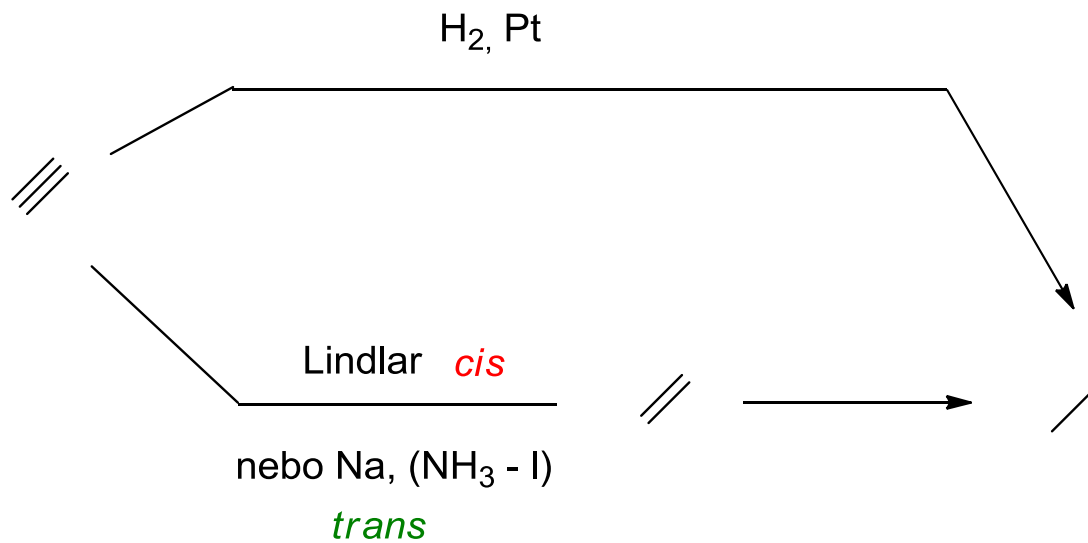
» Zapište mechanismus následující reakce a pokuste se vysvětlit vznik obou uvedených produktů



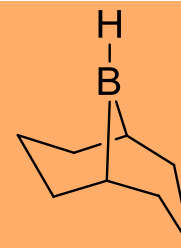
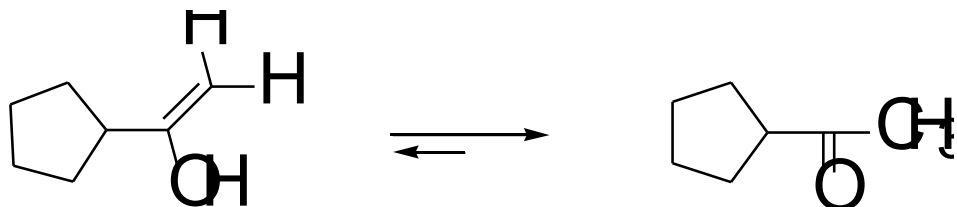
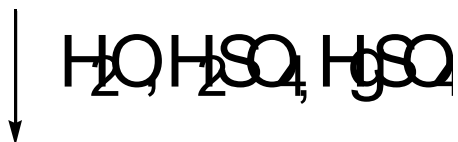
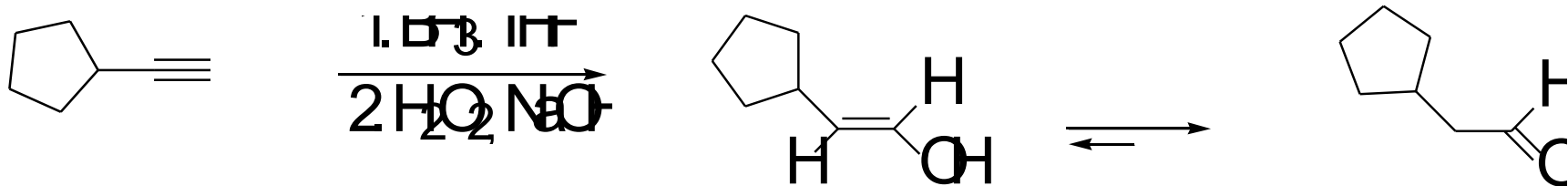
» ALKYNY



» ALKYNY



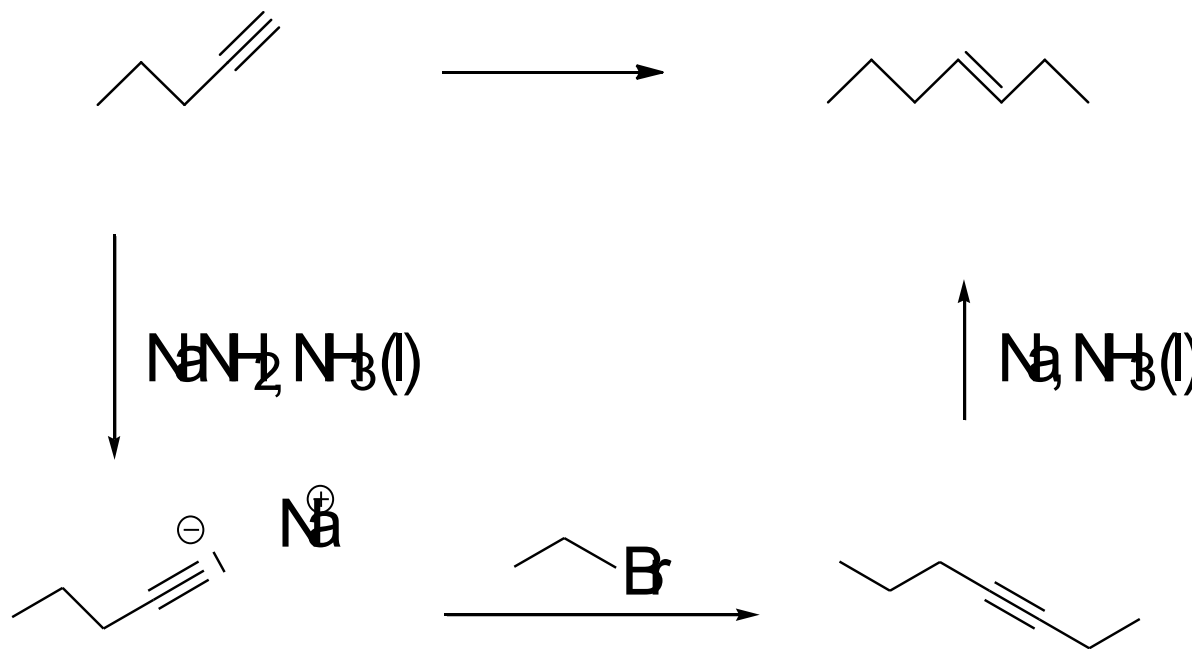
» Hydroborace alkynů



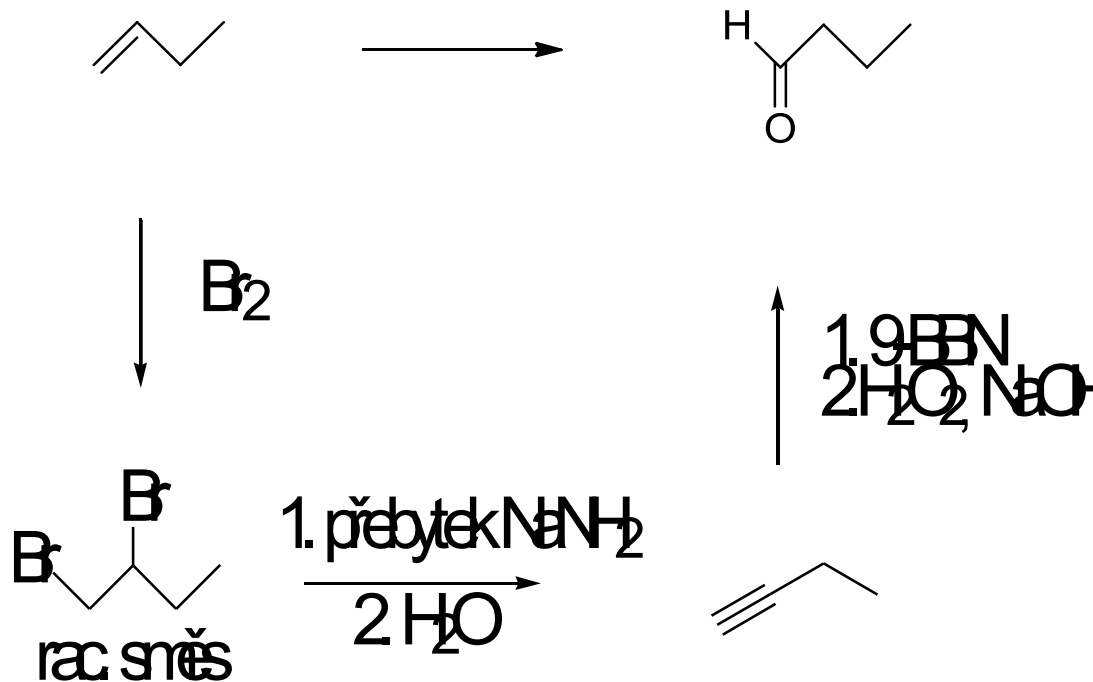
9-BBN prevence vícenásobné reakce



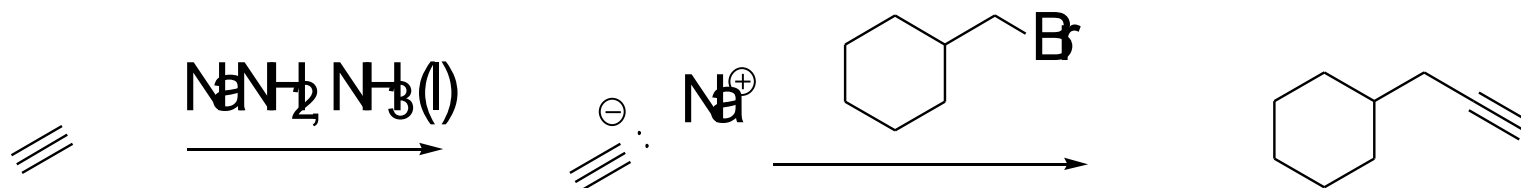
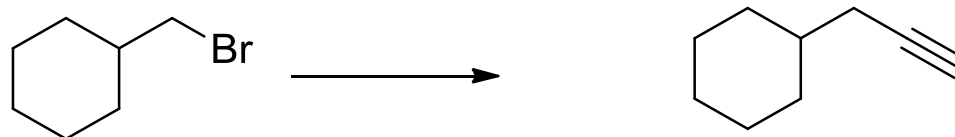
» Navrhněte způsob následující přeměny v několika krocích



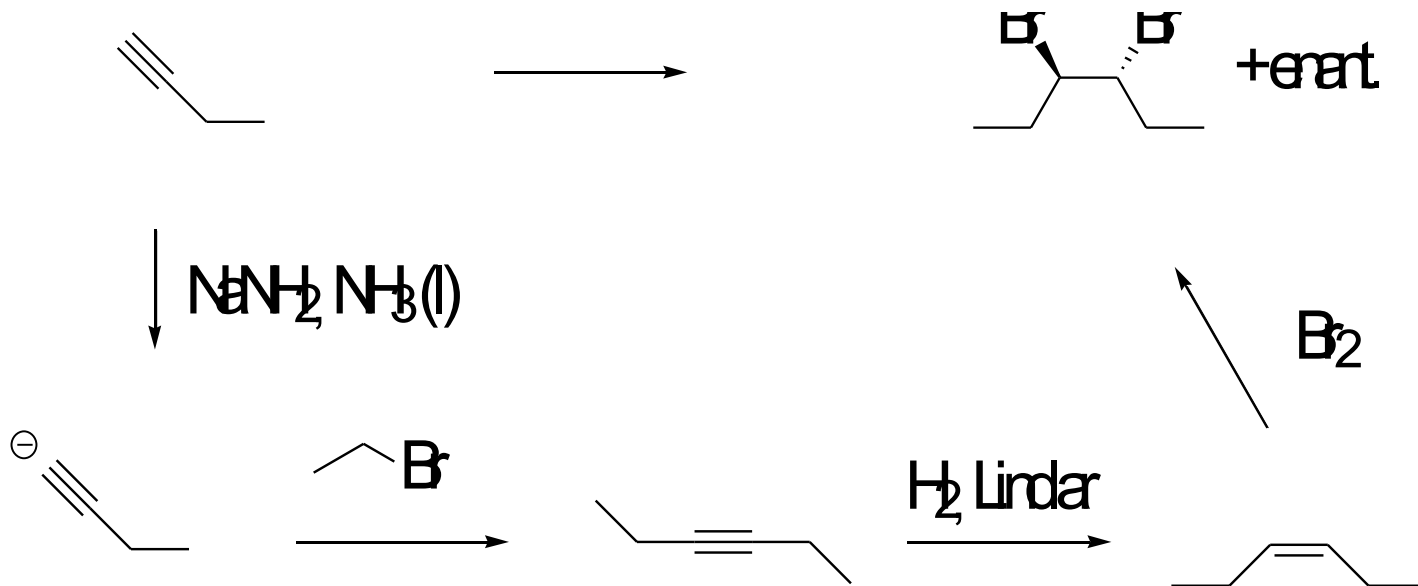
» Navrhněte způsob následující přeměny v několika krocích

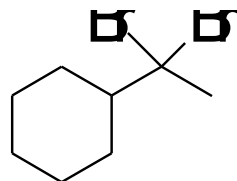


» Navrhněte způsob následující přeměny v několika krocích



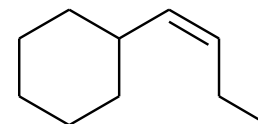
» Navrhněte způsob následující přeměny v několika krocích





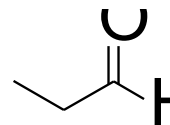
1. přebytek NaNH_2
2. EtCl
3. H_2 , Lindlar

?



1. NaNH_2
2. MeI
3. 9-BBN
4. H_2O_2 , NaOH

?



1. NaNH_2
2. EtI
3. $\text{HgSO}_4, \text{H}_2\text{SO}_4, \text{H}_2\text{O}$



1. H_2 , Lindlar
2. $\text{H}_2\text{O}, \text{H}^+$

