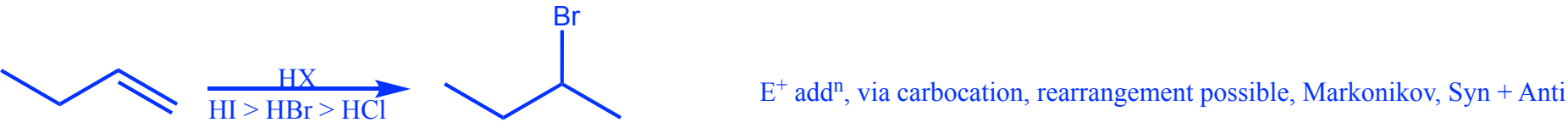


**Addition Rxns**



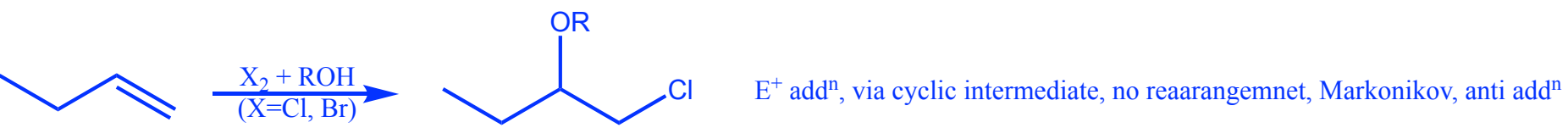
E<sup>+</sup> add<sup>n</sup>, via carbocation, rearrangement possible, Markonikov, Syn + Anti



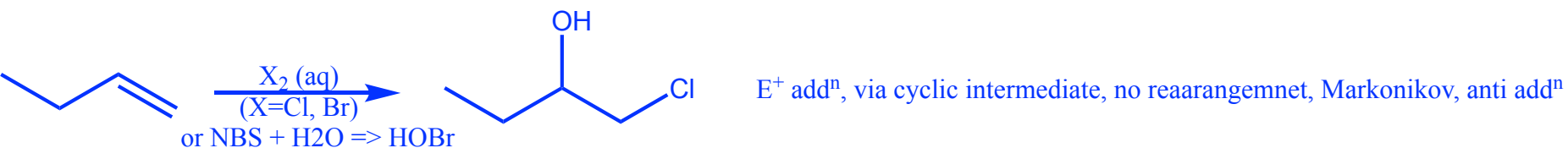
via free radical, no rearrangement, anti - markonikov, Syn + Anti



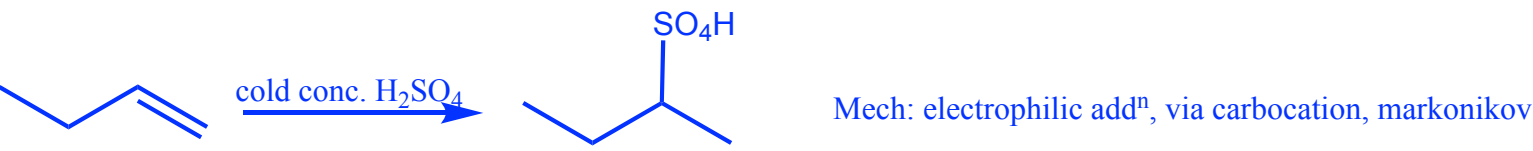
electrophilic add<sup>n</sup>, via cyclic intermediate, no reaarangemnet, anti add<sup>n</sup>



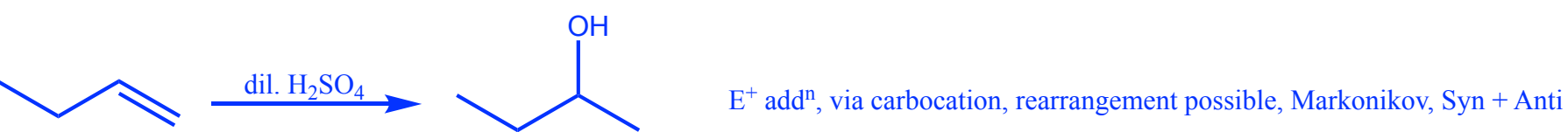
E<sup>+</sup> add<sup>n</sup>, via cyclic intermediate, no reaarangemnet, Markonikov, anti add<sup>n</sup>



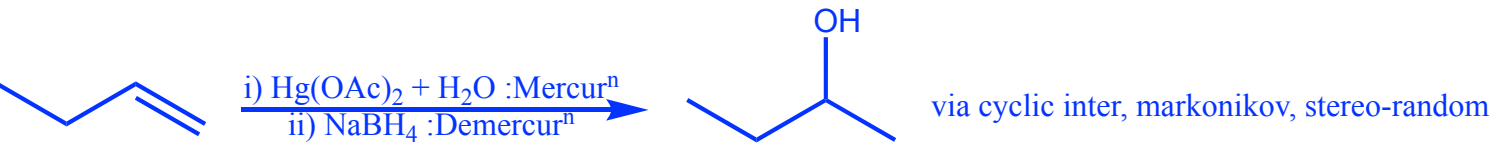
E<sup>+</sup> add<sup>n</sup>, via cyclic intermediate, no reaarangemnet, Markonikov, anti add<sup>n</sup>



Mech: electrophilic add<sup>n</sup>, via carbocation, markonikov



E<sup>+</sup> add<sup>n</sup>, via carbocation, rearrangement possible, Markonikov, Syn + Anti



via cyclic inter, markonikov, stereo-random



via π-complex, anti-markonikov, syn



