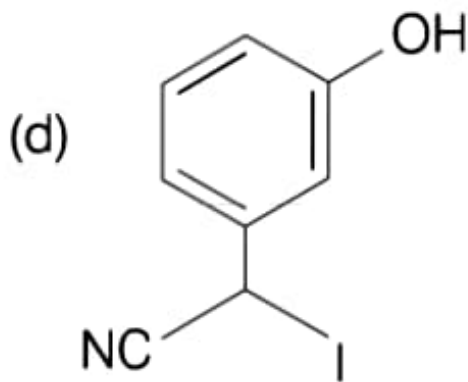
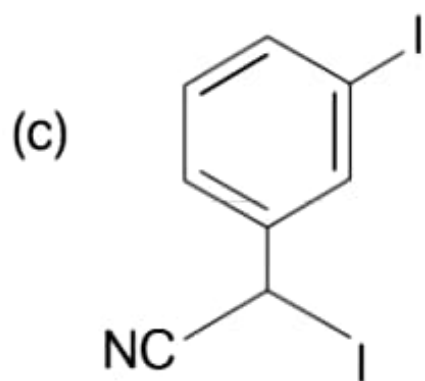
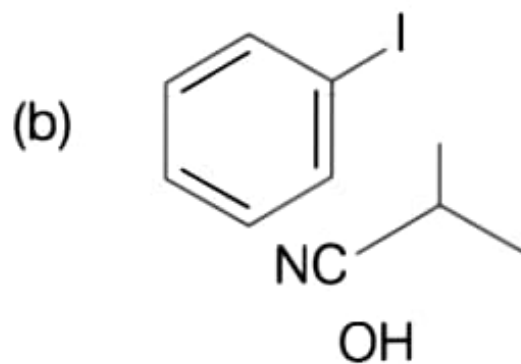
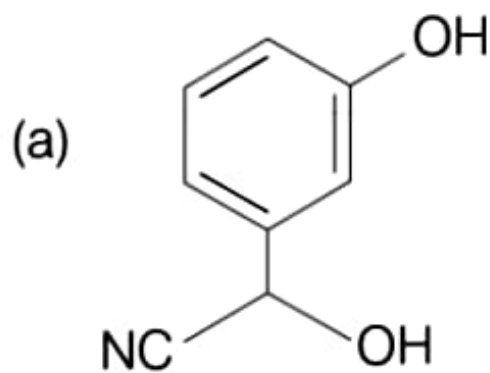
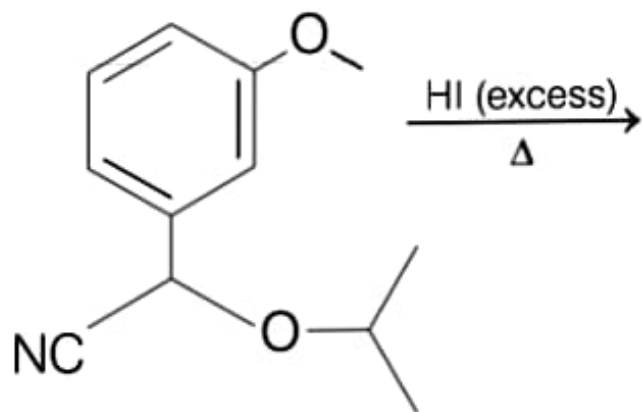
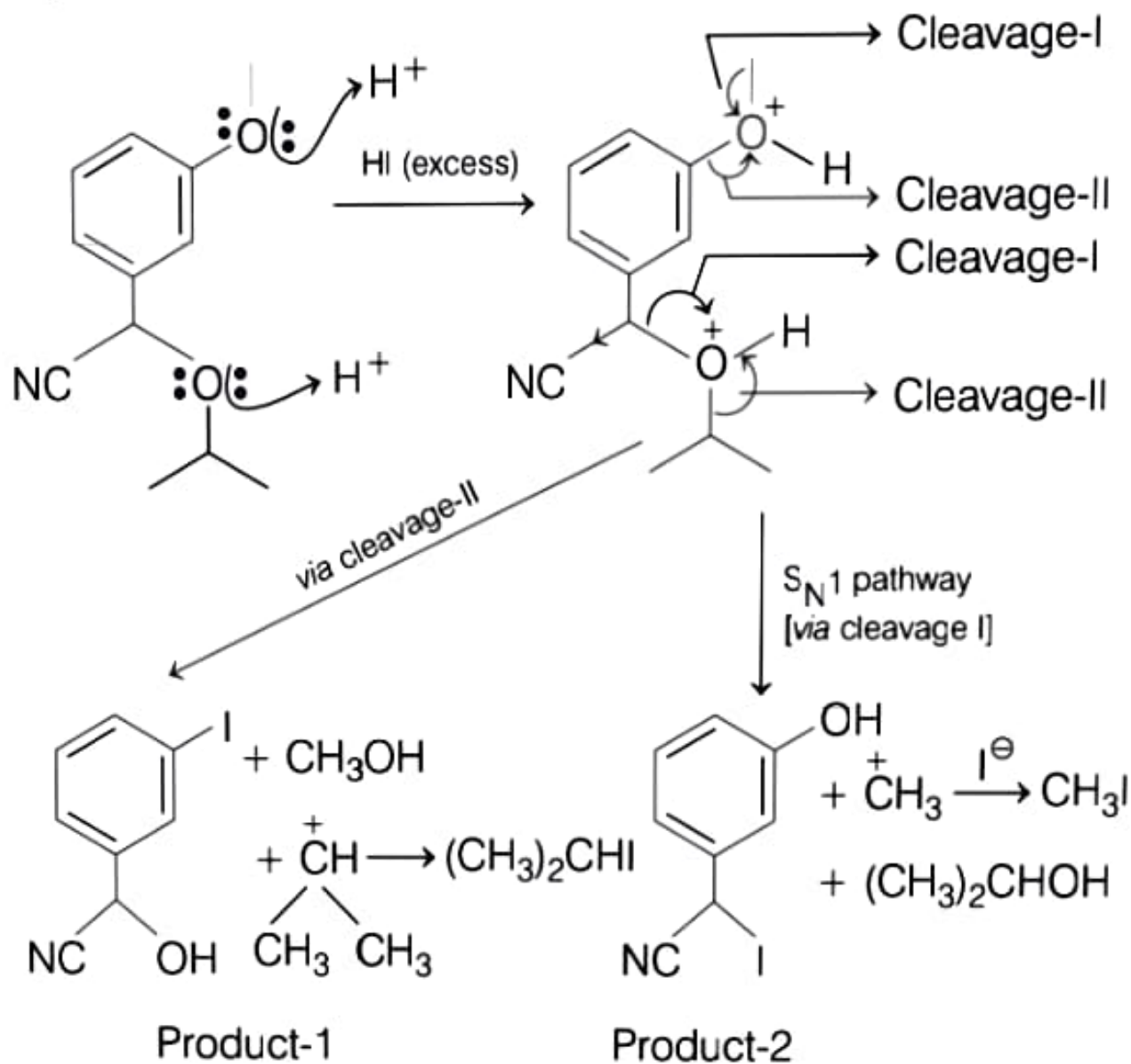


The major product of the following reaction is

(2019 Main, 10 April I)



1. The given reaction takes place as follows:



Product-2 is formed because

- Cleavage-I will give more stable aryl carbocation.
- Cleavage-I will give intermediate which is in conjugation with ring.