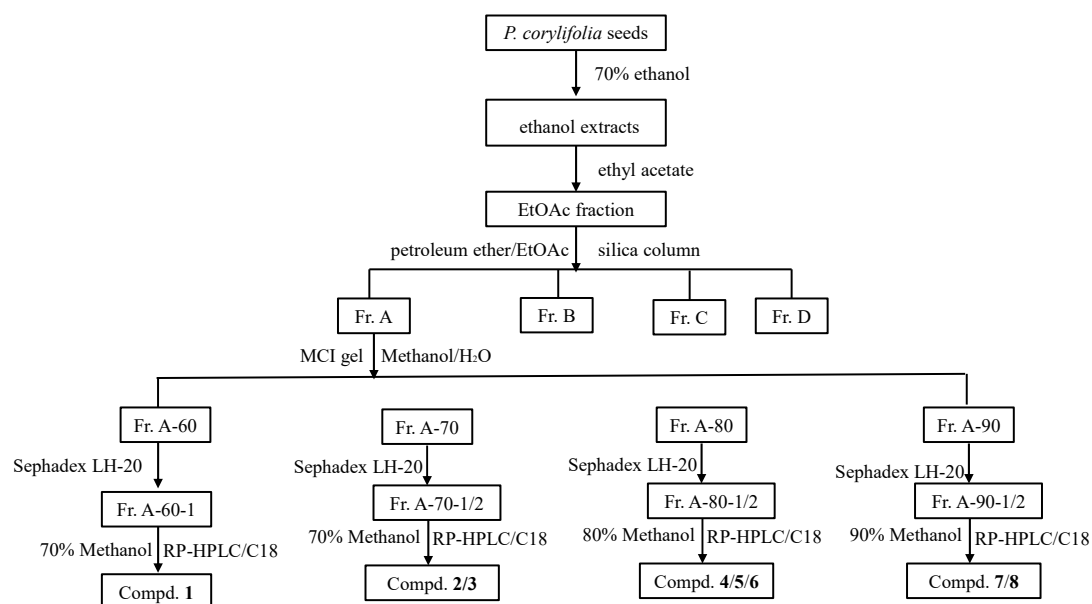


**Figure S1.** Typical fragments ions and the fragmentation pathway of reference flavonoids in PI mode. (A) licochalcone D and (B) glabrone.



**Figure S2.** Separation process of Fr. A-D and compounds 1-8 from PCS.