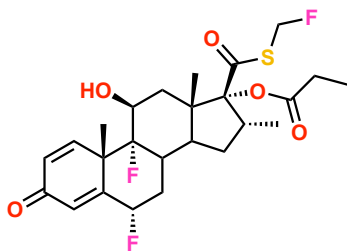
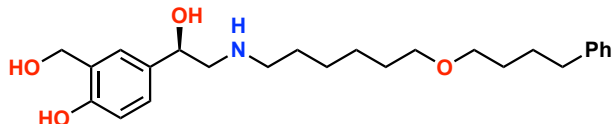
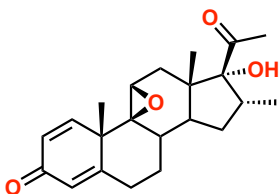


active ingredients:

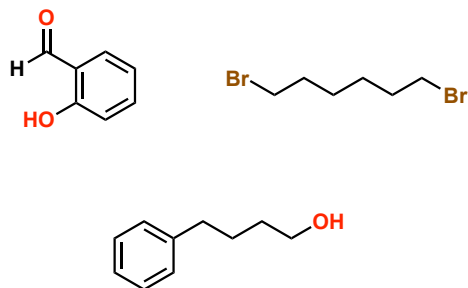
fluticasone propionate
inhaled corticosteroid (ICS)



salmeterol
long-acting β -agonist (LABA)



derived from Saponin

**necessity of two ingredients:**

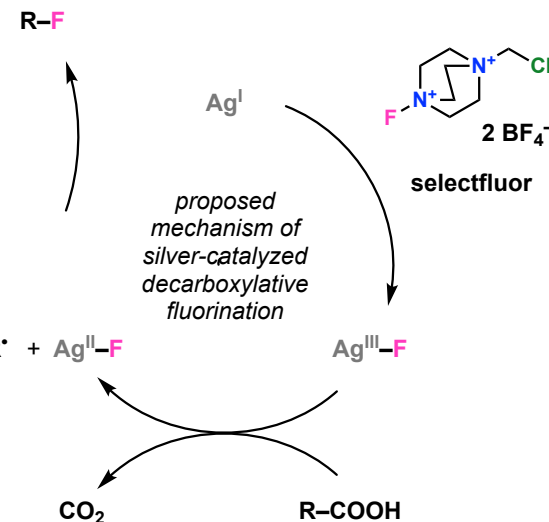
1. Inhalation of fluticasone propionate does not provide immediate relief.
2. Patients are, therefore, more likely to neglect the use of fluticasone propionate if the two compounds are in separate inhalers.
3. It is not save to use salmeterol without also using an ICS such as fluticasone propionate. LABAs may reduce the frequency of episodes, but increase their severity in return.
4. At certain concentrations, fluticasone propionate and salmeterol exhibit a synergistic effect.



Advair Diskus®
approved for the treatment of asthma
and chronic obstructive pulmonary
disease (COPD)



GlaxoSmithKline
pharmaceutical company

key transformation:

fluticasone propionate:

