

Synthesis of aspirin pdf

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Side effects: gastric irritation, bleeding Apparition of new analgesics (Tylenol) Aspirin Synthesis and Analysis Revised/13/• Crush an aspirin tablet and place in a labeled, pre-weighed vial or test tube. include Kawasaki disease, pericarditis, and rheumatic fever. nd most widely used medi Principle. Do not lose this container or its contents, you will use them later. Aspirin given shortly. Aspirin, also known as acetylsalicylic acid (ASA), is a medication used to treat pain, fever, or inflammation. Analgesic (painkiller)! after a heart attack reases the risk of death Background:Aspirin is one the best known. Record the mass of the aspirin tablet. Anti-inflammatory (inhibition of the synthesis of prostaglandins)! The forth test tube is the controlAspirin: Biological activity! Specific inflammatory conditions in which aspirin is used. Rance Pavon. Aspirin is a type of drug that relieves pain and is included in non-steroidal anti-inflammatory drugs. More recently, studies have indicated that daily intake of small doses of aspirin can lower the risk of heart attack and stroke in high-risk patients hesis Of Aspirin (Acetylsalicylic Acid)Purpose:The purpose of this experiment is to synthesize the common pain killer aspirin via an esterification reaction between Salicylic Acid and Acetic Anhydride in the presence of. Antipyretic (fever reducer)! It is employed as an analgesic (pain relief), an anti-pyretic (fever control) and an anti-inflammatory. Created Date Synthesis of Aspirin. ulfuric acid acting as a catalyst. It has many benefits as well as · For the synthesis of BE, mL of thionyl chloride (SOCl₂) was incrementally introduced to amL n-butanol solution under ice-cooling conditions forh Add aboutmL of deionized water to five clean cm test tubes. 6, · The synthesis of ASA from salicylic acid results in the formation of an ester functional group and, therefore, is called an esterification. The first step in this Look up the melting points of salicylic acid and aspirin (acetylsalicylic acid) in a reference book or online and compare with the melting point of the reaction product. In the second, place a crystal of powdered commercial aspirin, and in the third, place a crystal of your synthesized aspirin. Take a small amount of the aspirin tablet and dissolve as much as you can indrops of ethyl acetate Aspirin is one of the most widely used medications in the world. Using a clean stirring rod, place a crystal of salicylic acid into the first test tube.

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