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## AN IMPROVED PROCESSES FOR THE PREPARATION OF SALCAPROZATE SODIUM

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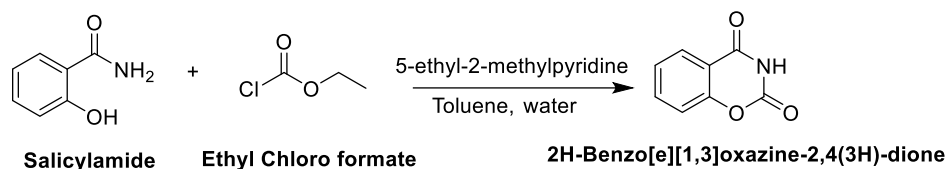
## AN IMPROVED PROCESSES FOR THE PREPARATION OF SALCAPROZATE SODIUM

The present disclosure related to an improved process for preparing Salcaprozate sodium (SNAC) which describes a commercially viable improvement with better yield and purity over known prior arts.

Salcaprozate sodium (SNAC) (sodium 8-((2-hydroxybenzoyl)amino)octanoate) is classified as an oral absorption promoter, and its potential therapeutic applications as a delivery agent for oral forms of heparin and insulin have been explored in a number of clinical investigations. After US- FDA approval of oral Semaglutide, use of SNAC is likely to increase interest in oral formulations of other suitable peptide candidates.

Disclosed are improved methods for the synthesis of important intermediates of sodium 8-((2-hydroxybenzoyl)amino)octanoate.

### **Brief scheme and process of preparing 2H-benzo[e][1,3]oxazine-2,4(3H)-dione:**



Salicylamide (10g) reacts with ethyl chloroformate (0.8g) in presence of 5-ethyl-2-methylpyridine (1.2eq) in Toluene:water mixture as solvent. After the cyclisation, the title compound was isolated in toluene and water medium as white to off white crystalline powder.

Salicylamide used as KSM in this process can be prepared as per synthetic scheme given below.

