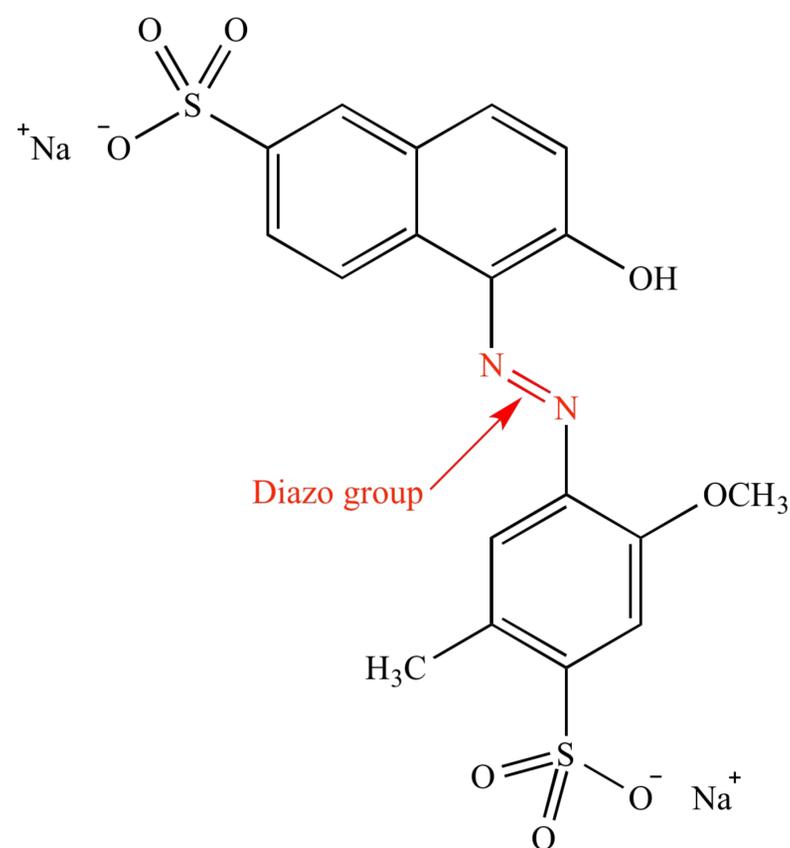
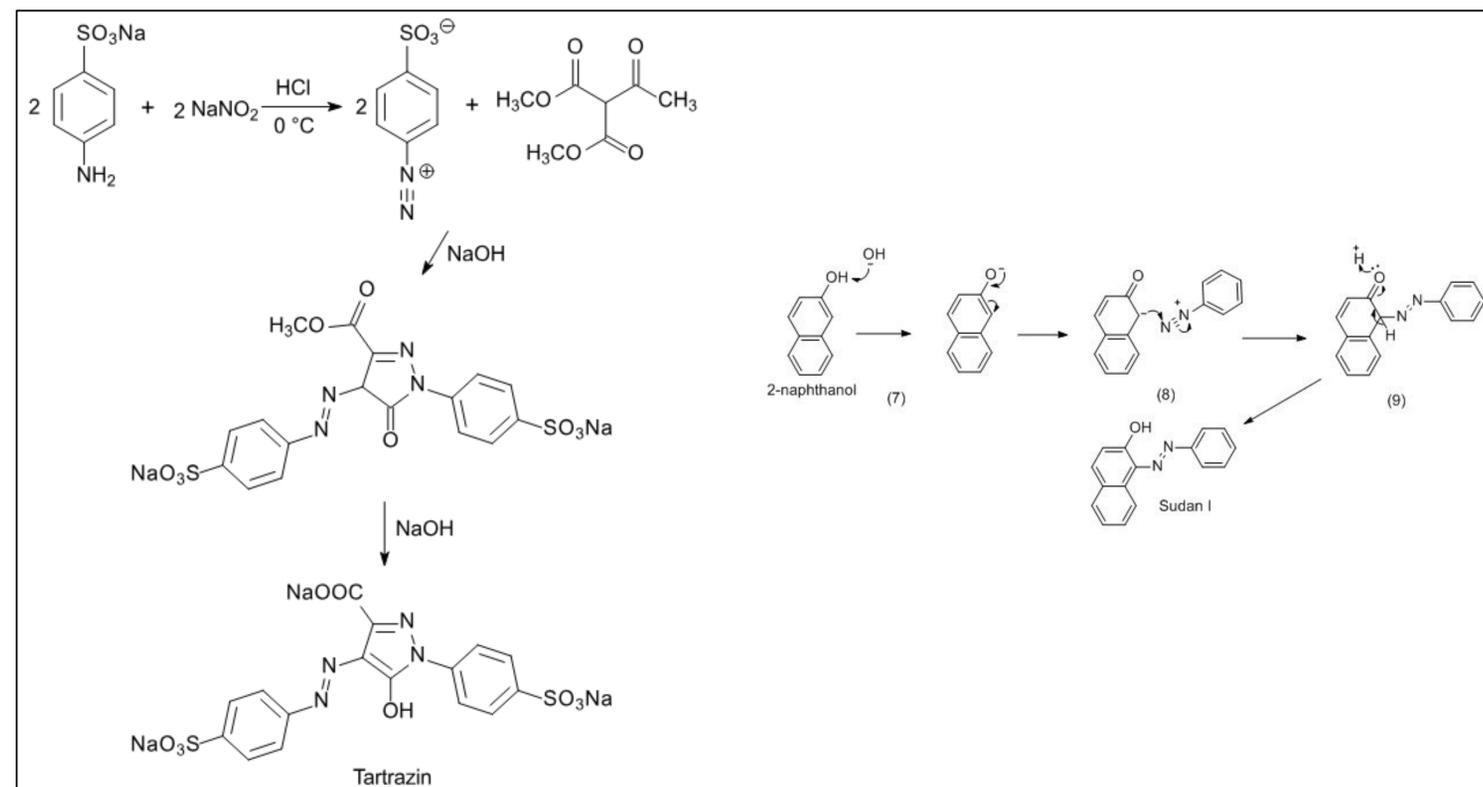


# Synthesis of A Novel Azo-Dye

Liam Hanna

## Purpose and importance:

The purpose of this project is to create a new Azo-Dye that has never been made or characterized (classified by properties) before. Another point of this synthesis is for it to be rather cost effective and efficient, meaning the Azo-Dye can be easily made in the future using this method and other chemists can follow the same method to make it. These dyes have potential practical applications in fields that use dyes and even advanced materials (color changing, heat sensitive, etc...). These applications make it important to discover new dyes and new ways to make these dyes.



Red #40



Yellow #5