

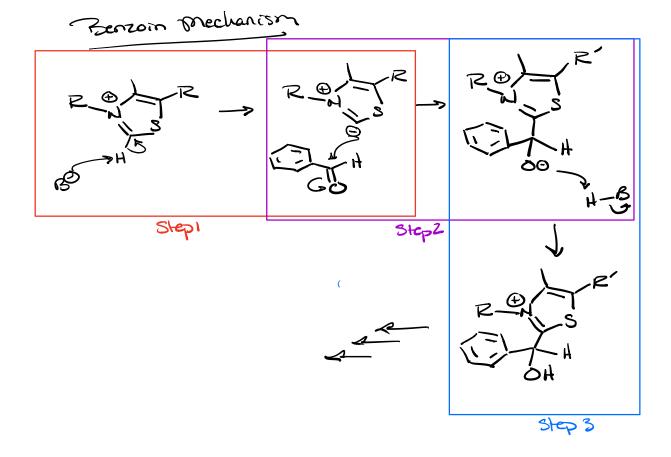
Methods & Materials

> method

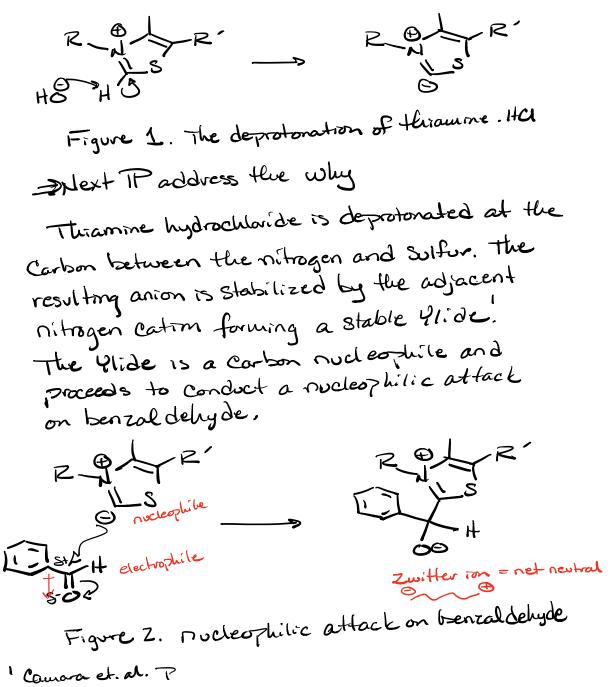
Results	Section

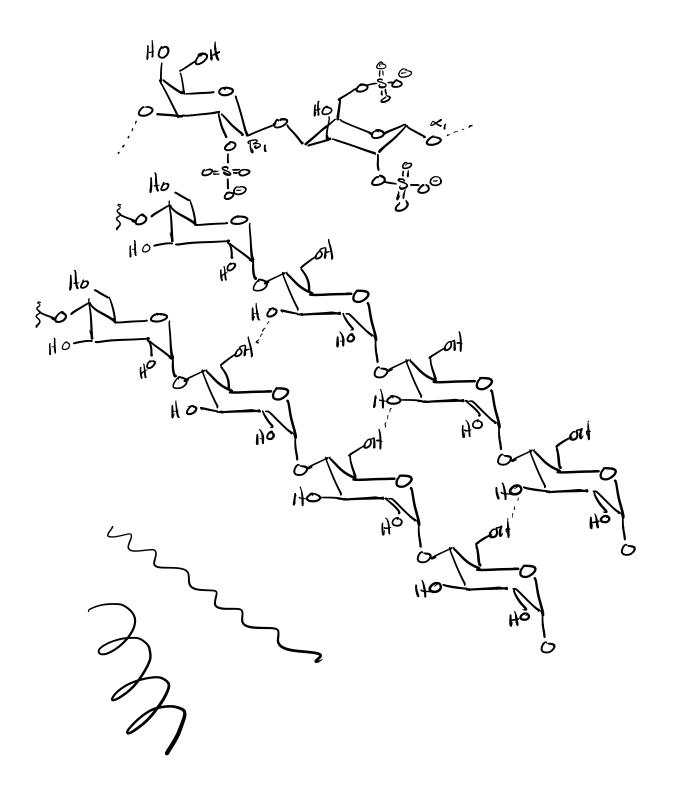
one idea

Benzoin	<u>mp</u> <u>%9,2dd</u> x-x°C Y%	FTIR (cm <sup>-1</sup> ) 3400 cm <sup>-1</sup> 1680 cm <sup>-1</sup>	Characterization hydroxyl Ketone
Benzil	x-x°C 49,	1690 cm <sup>-1</sup> 1660 cm <sup>-1</sup>	ketone C=C
Benzilic Ac	.d x-x.c 3%	3500 cm <sup>-1</sup> 3400 cm <sup>-1</sup> 1690 cm	hydroxyl Carboxylic acid Carbonyl



The formation of Benzoin from Benzal delyde is catalysed by thiamme hydrochloride. The first Step on this reaction is the deprotonation of thramme hydrochloride by hydroxide ion.





Hemi acetals

