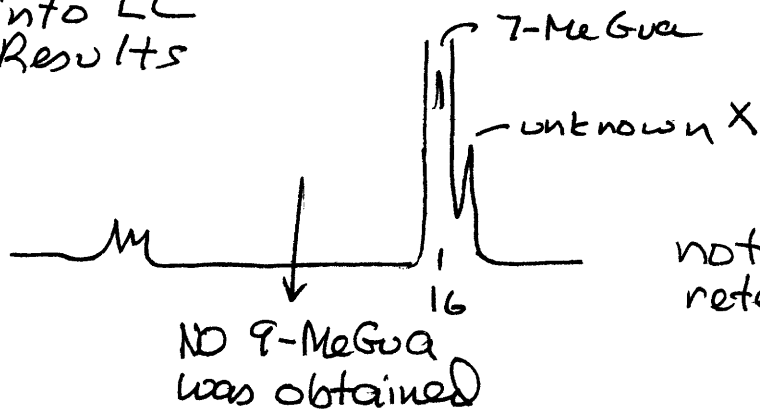


Subject Guanosine Methylation III Instructor's Name

12-30-76

Hydrolysis of Guanosine m⁷

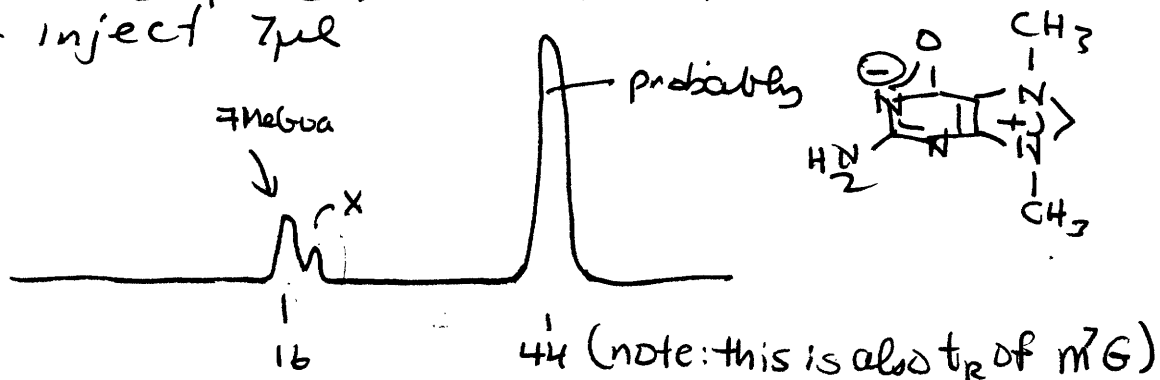
- Add 0.5ml 2N HCl to ~0.5ml of reaction mixture
The sample was pH ~1 or less
- heat 1 hr 100°C
- inject small portion (diluted in buffer) into LC
- Results



nothing at 7M Guanosine retention time.

12-30-76 Analysis of Guanine Methylation Mixture

- The sample of "methylated" guanine from 12-22-76 was rinsed with MeOH and resuspended in 0.1N HCl
- inject 7µl



12-30-76 Retention Time of 3-MeGua: 38 min

∴ 3MeGua can be sep. from m⁷G and 7,9-DiMeGua