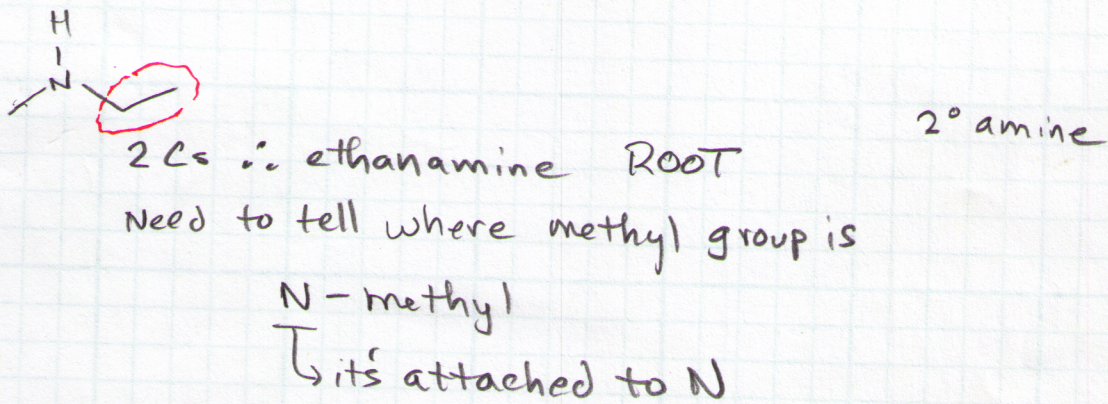
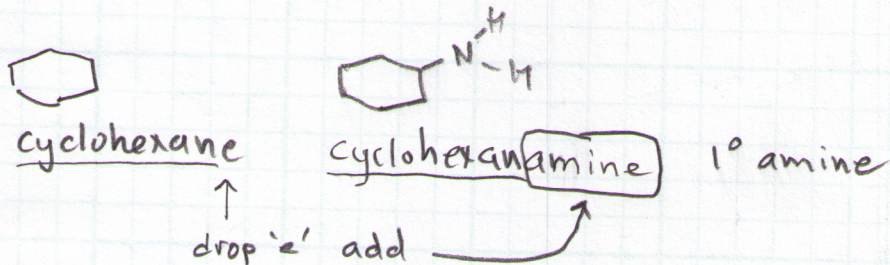
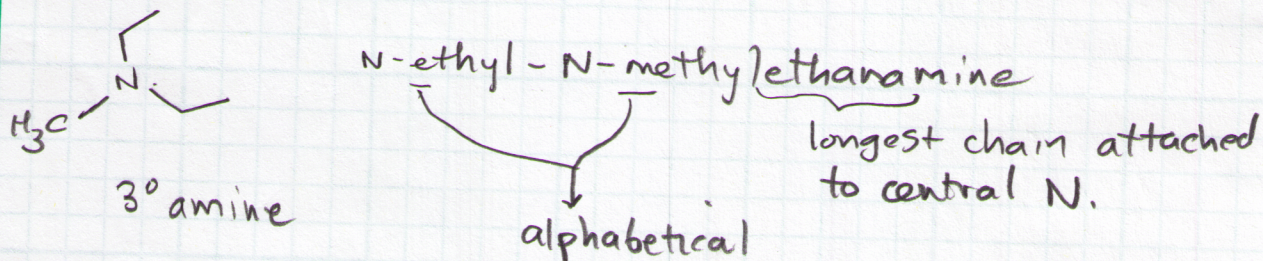
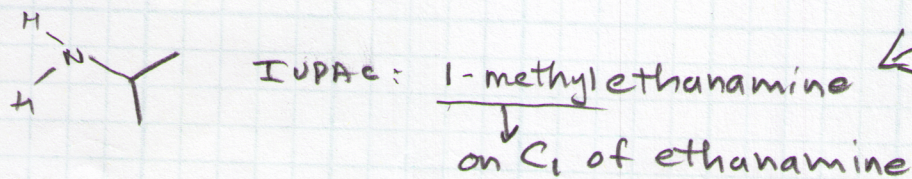


Naming Amines

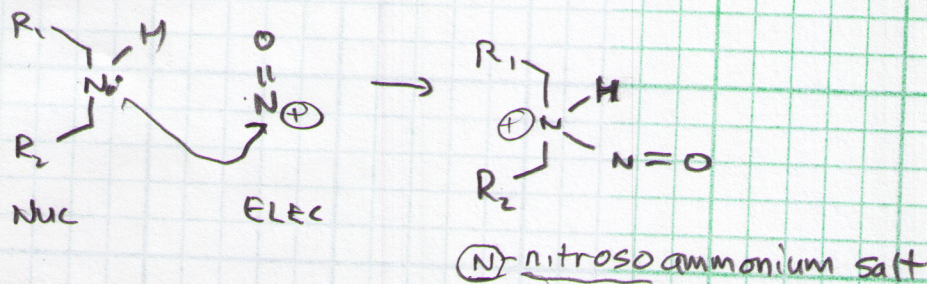
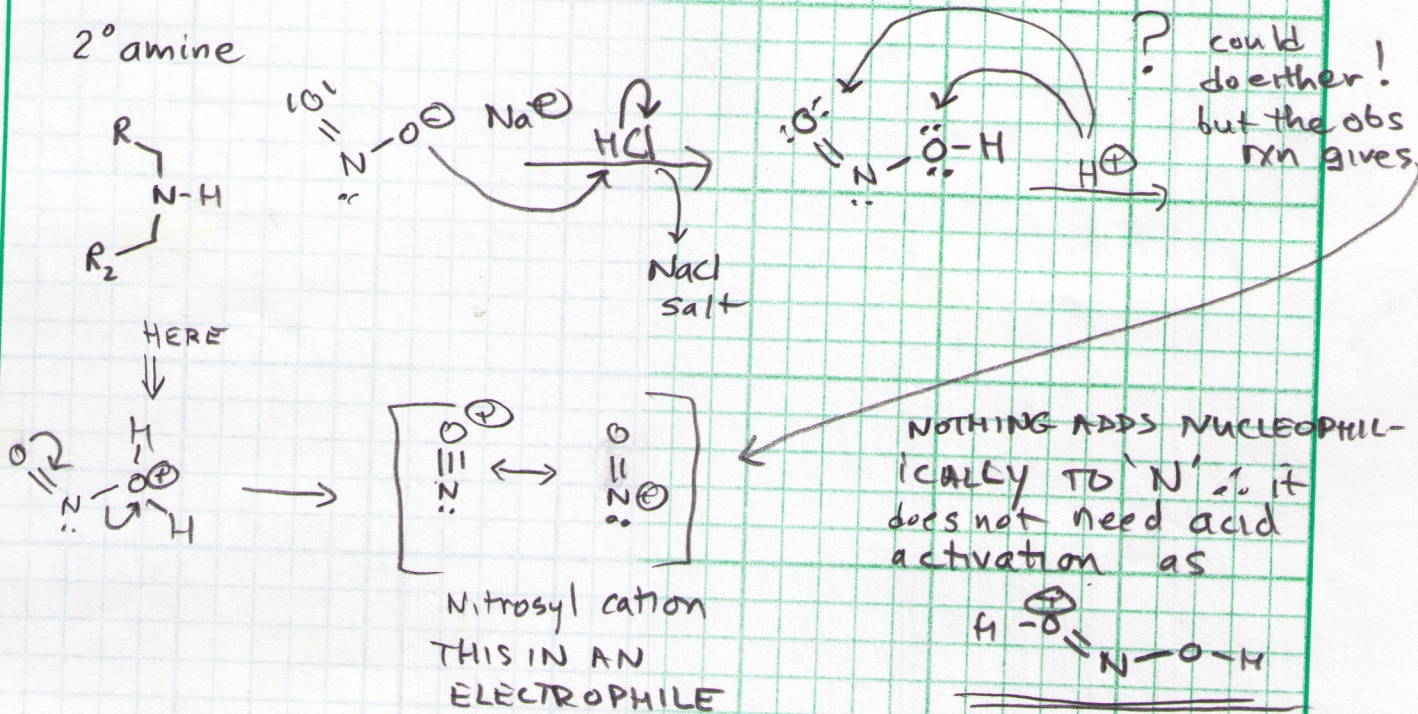


N-methylethanamine

Why is this important? It distinguishes this

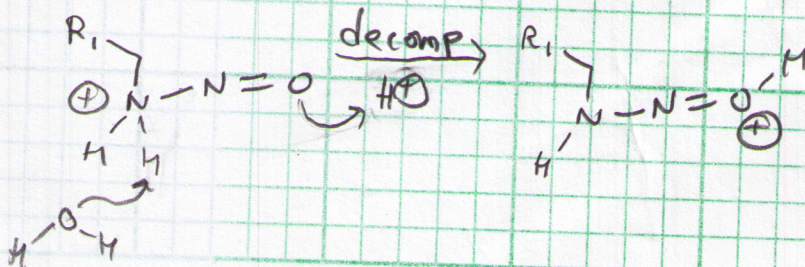


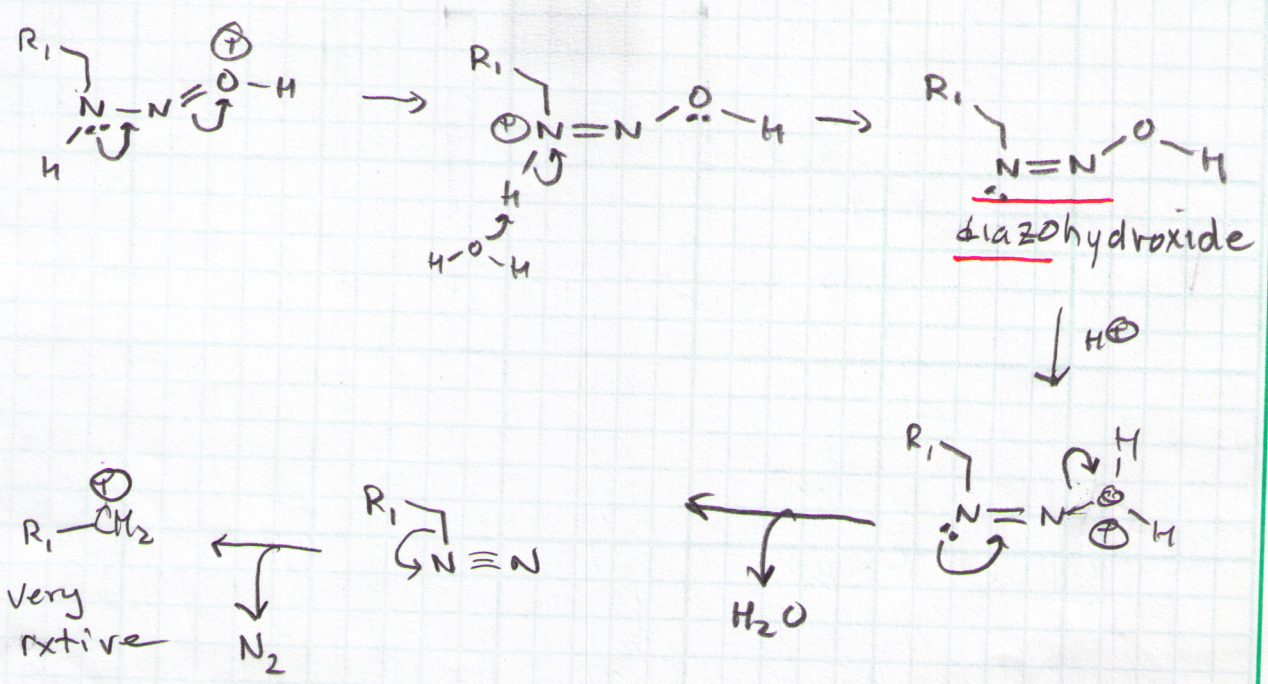
Nitrosoamines convert amines into good leaving groups yielding a carbocation intermediate when a 1° amine is used. A Nitroso dialkylamine results from a 2° amine.



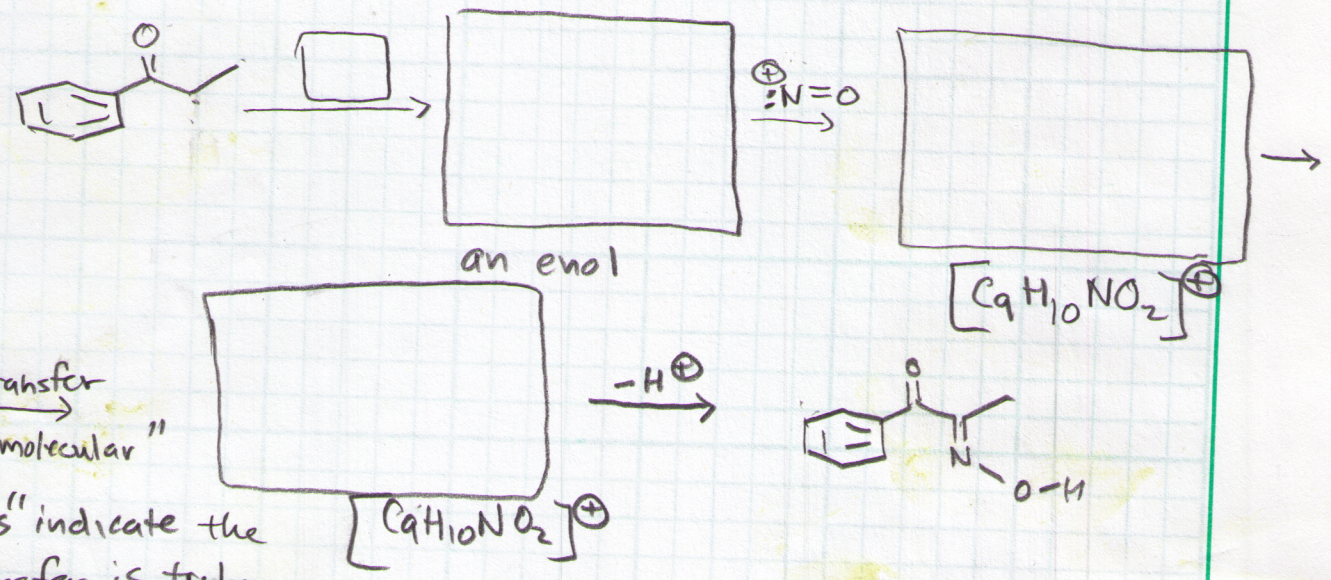
1° Amine

Similar path to





Complete



"quotes" indicate the H-transfer is truly intramolecular
 (H⁺ and H₂O) are the exchange partners