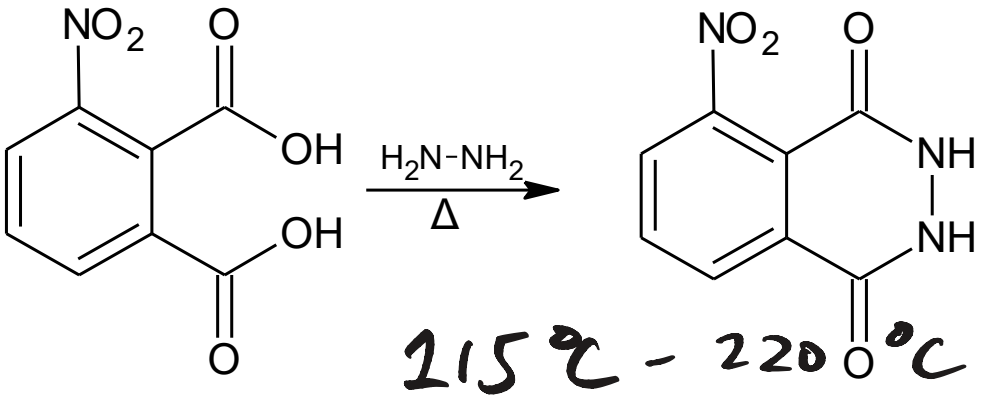
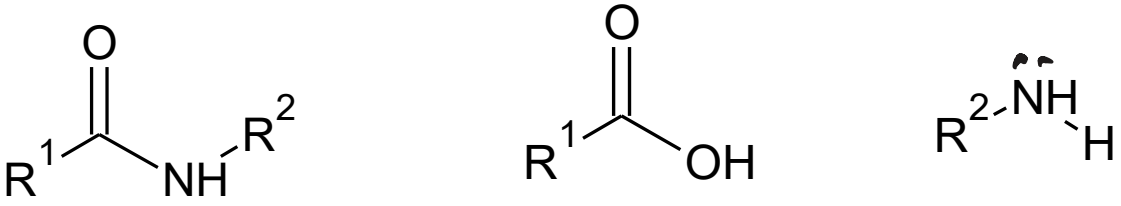
Luminol

220c

11/5/26



215 °C - 220 °C



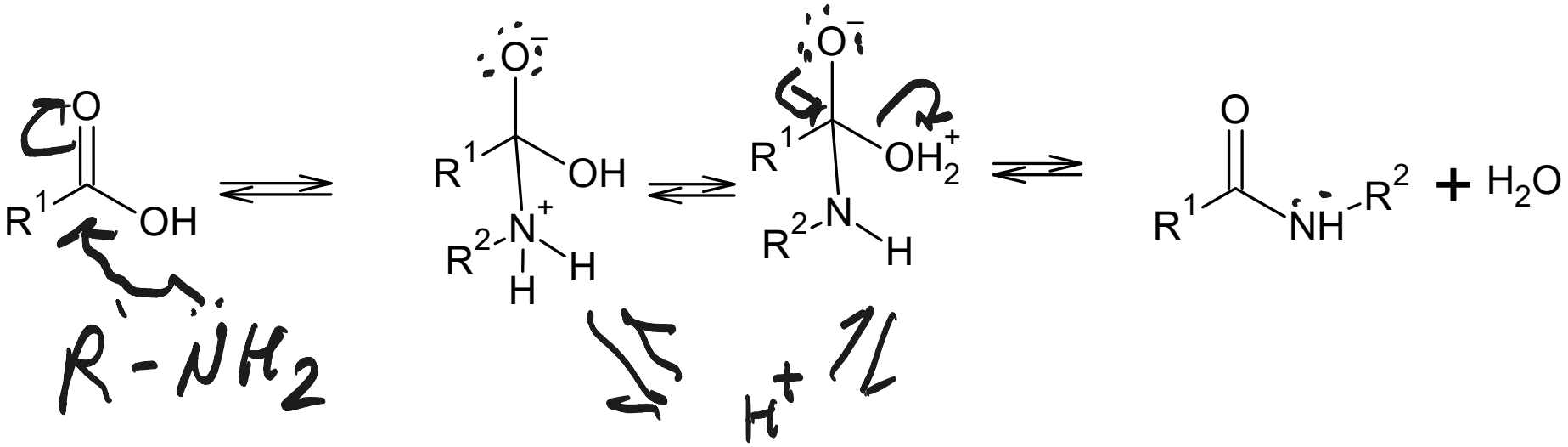
R-C(=O)-Cl

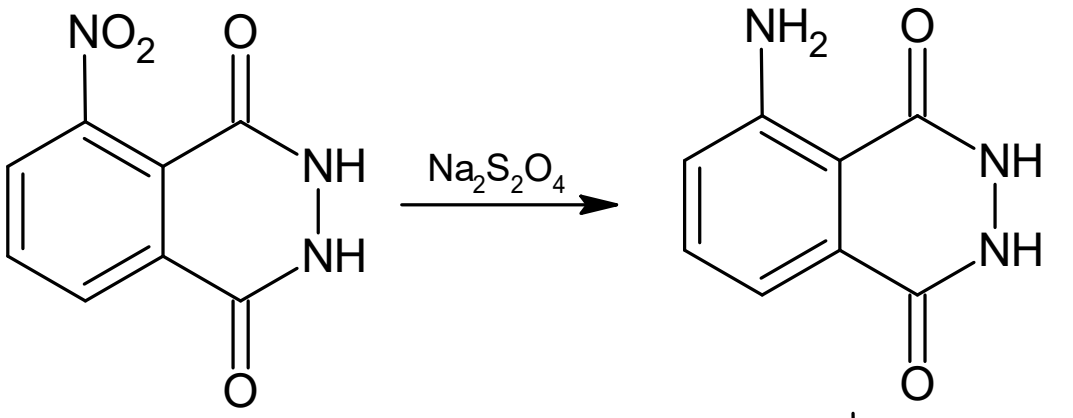
1. Solvent pressure

High BP solvent

2. heating it

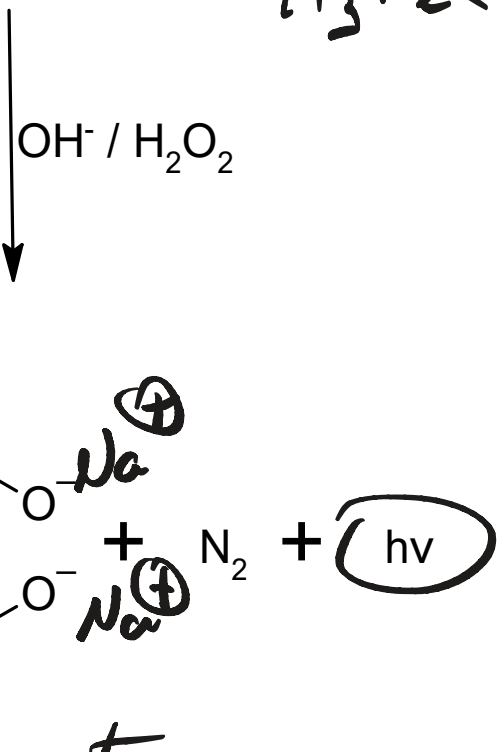
3 Safety


O
R1
OH
R-NH2
O−
R1
OH
R2
N+
H
H
O−
R1
OH2+
R2
N
H
H+
O
R1
NH
R2
+ H2O



Luminol

$K_3Fe(CN)_6$



chemiluminescent

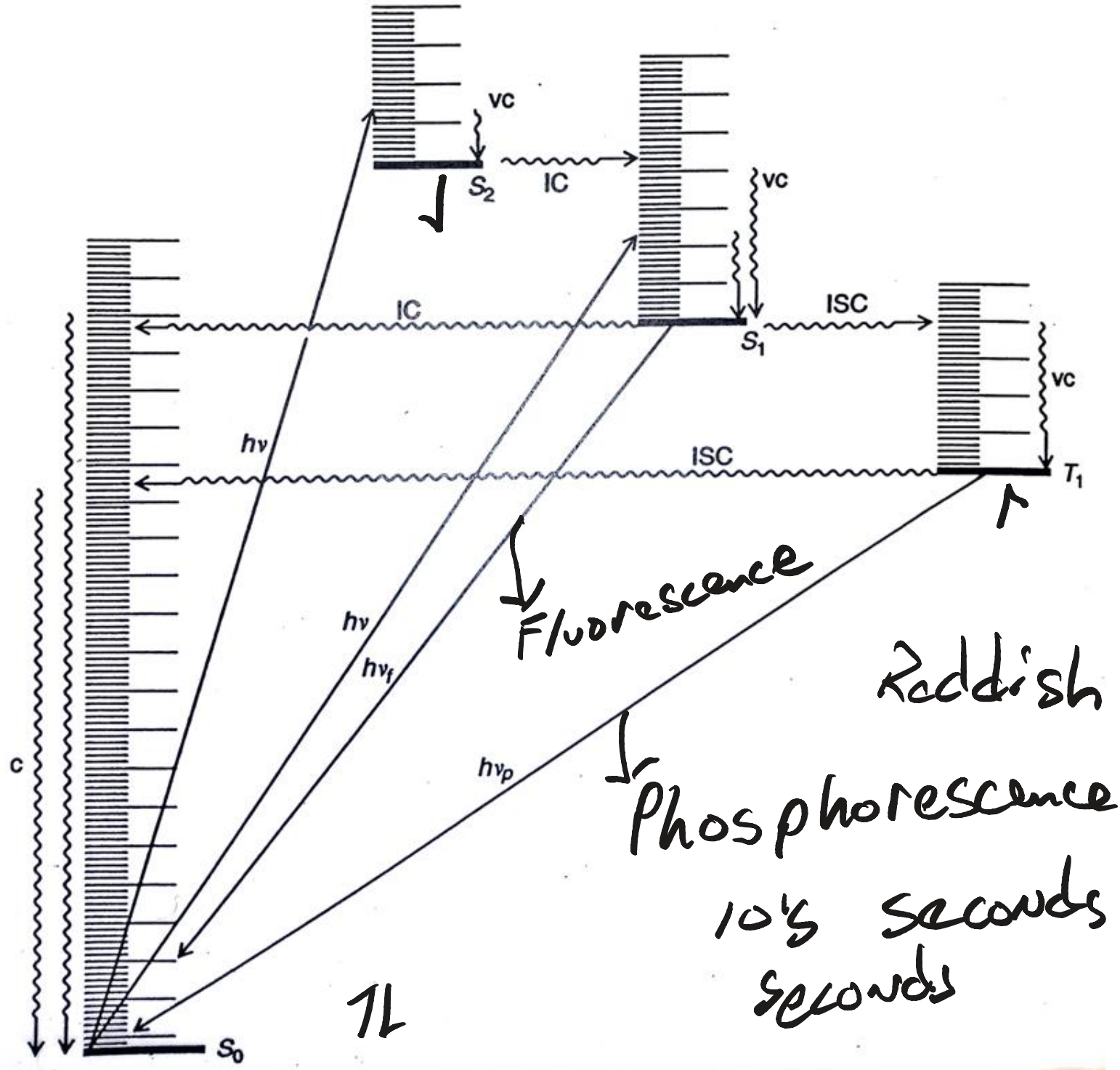
Did it glow?

F micro seconds
seconds

$E = h\nu$

Blue / green

ESR



Fluorescence

Reddish

Phosphorescence

10's seconds

seconds

ice longer

2 - 2 1/2