product (1) $R_f = 0.67$

starting material $R_f = 0.59$

phenylhydrazine $R_f = 0.21$

product (2) $R_f = 0.72$

starting material $R_f = 0.65$

phenylhydrazine $R_f = 0.18$

1:1 ethyl acetate:hexane on $\text{Al}_2\text{O}_3$

S - starting material
PH - phenylhydrazine
R - reaction mixture

starting material was visualized with DNPH