

Hydrolysis practice problems

Write the hydrolysis reaction for each substance. At this point, write only the first reaction that occurs, do not bother with any subsequent reactions. Use \rightarrow or \rightleftharpoons as appropriate.

a. NH_3

b. HBr

c. CaCO_3

d. $\text{CH}_3\text{NH}_2\text{Cl}$

e. Li_2SO_4

f. $\text{CH}_3\text{CH}_2\text{CH}_2\text{COOH}$

g. CrPO_4

h. $(\text{CH}_3)_2\text{NH}$

i. HNO_2

j. H_3PO_4

k. CH_4

l. FeCl_3

m. AgI