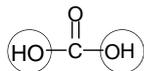
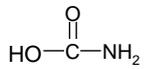


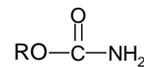
1.14. Kohlensäurederivate



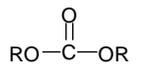
Oxidationsstufe + IV



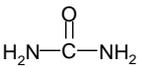
Carbaminsäure
(Monoamid)
(unbeständig)



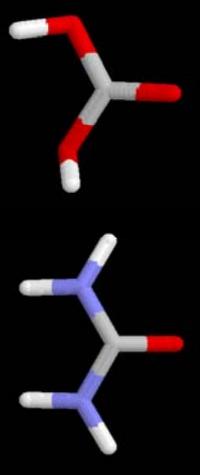
Carbaminsäureester



Kohlensäureester

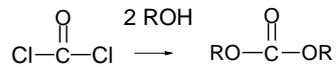


Harnstoff (Diamid)
28-30 g tägl. gebildet

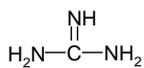
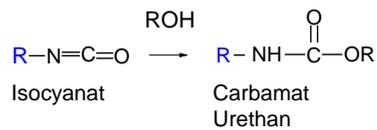


Herstellung

Aus Phosgen (Säurechlorid der Kohlensäure))



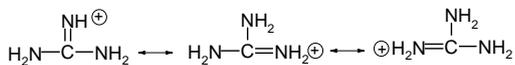
Kunststoffe (Polyaddition von Aminen oder Alkoholen
an Isocyanate - POLYURETHANE)



Guanidin

Stärkste organische Base
 pK_B : 0.3

Kation durch Mesomerie stabilisiert:



Bestandteil der basischen Aminosäure Arginin

