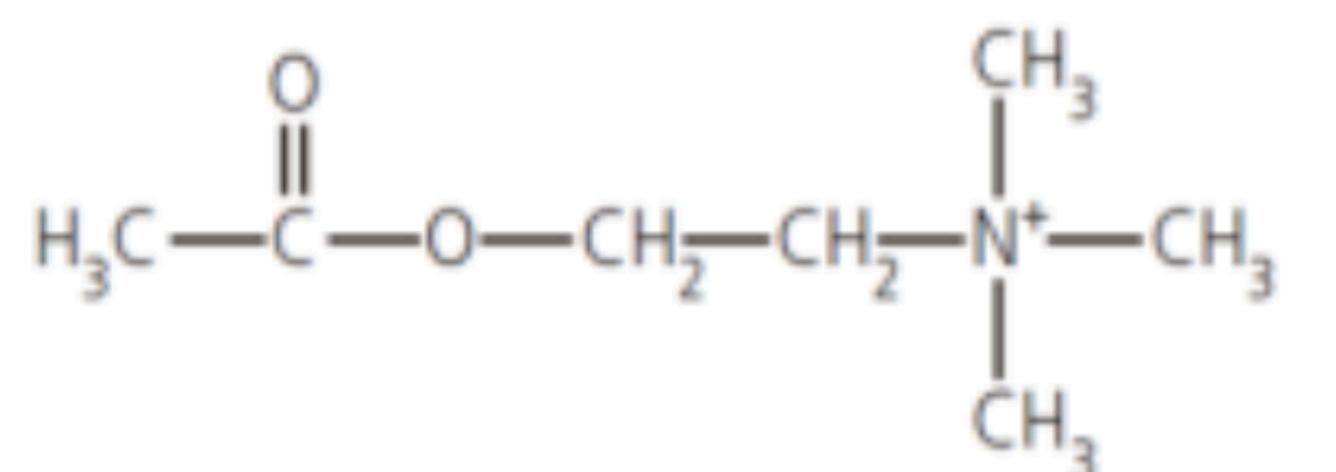


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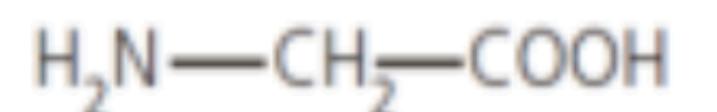
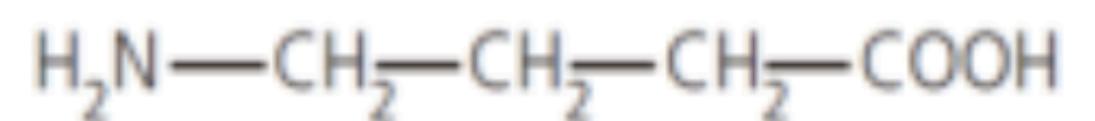
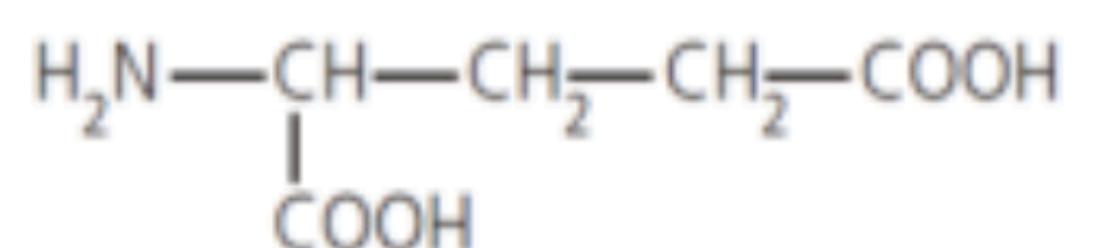
구조

아세틸콜린



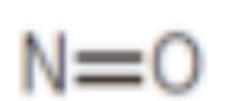
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글루탐산



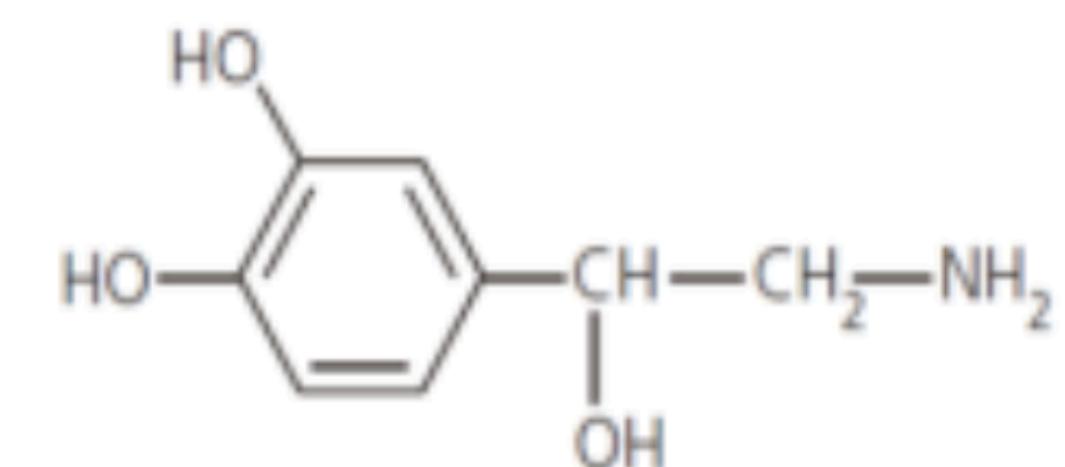
기체

일산화질소

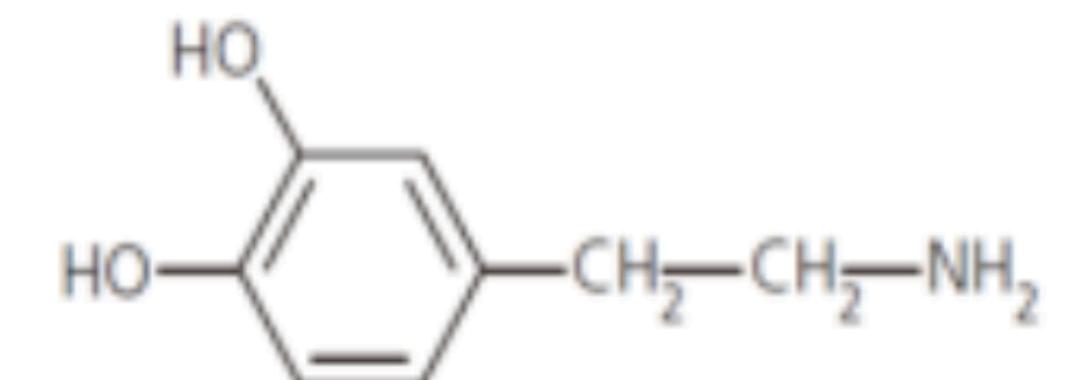


생체아민

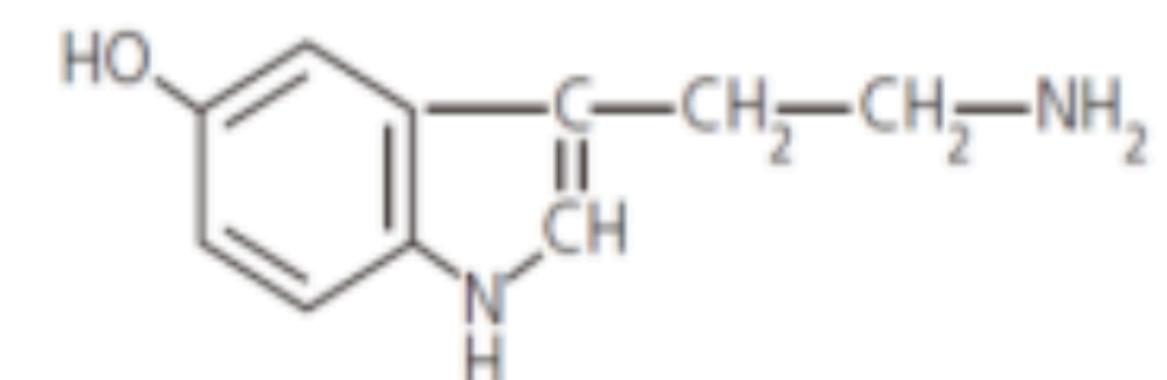
노르에피네프린



도파민



세로토닌



신경펩타이드(매우 다양한 종류가 존재하지만 두 종류만 소개됨)

물질 P

Arg—Pro—Lys—Pro—Gln—Gln—Phe—Phe—Gly—Leu—Met

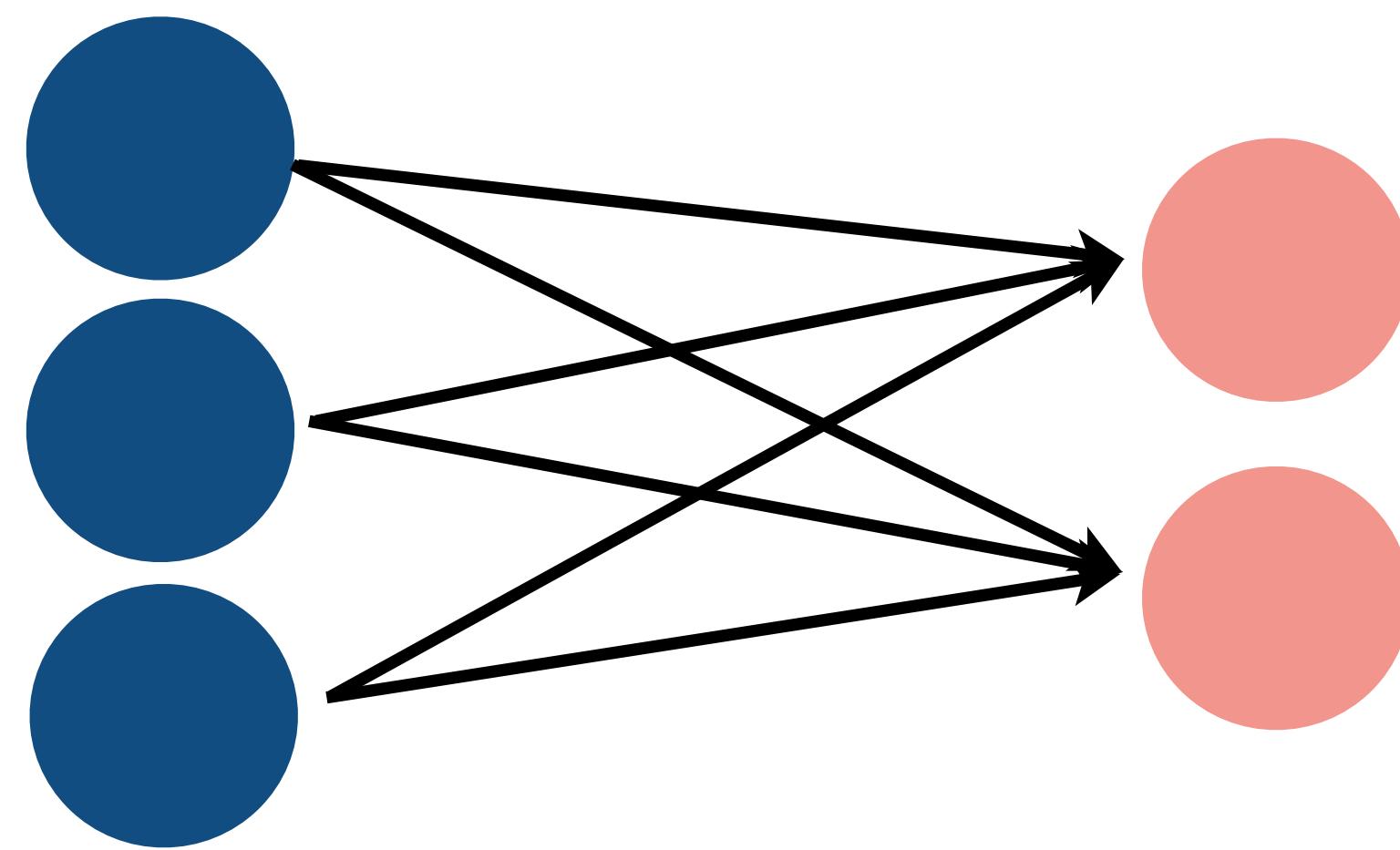
Met-엔케팔린(엔돌핀)

Tyr—Gly—Gly—Phe—Met

<신경전달물질 종류> 출처: Campbell '생명과학'

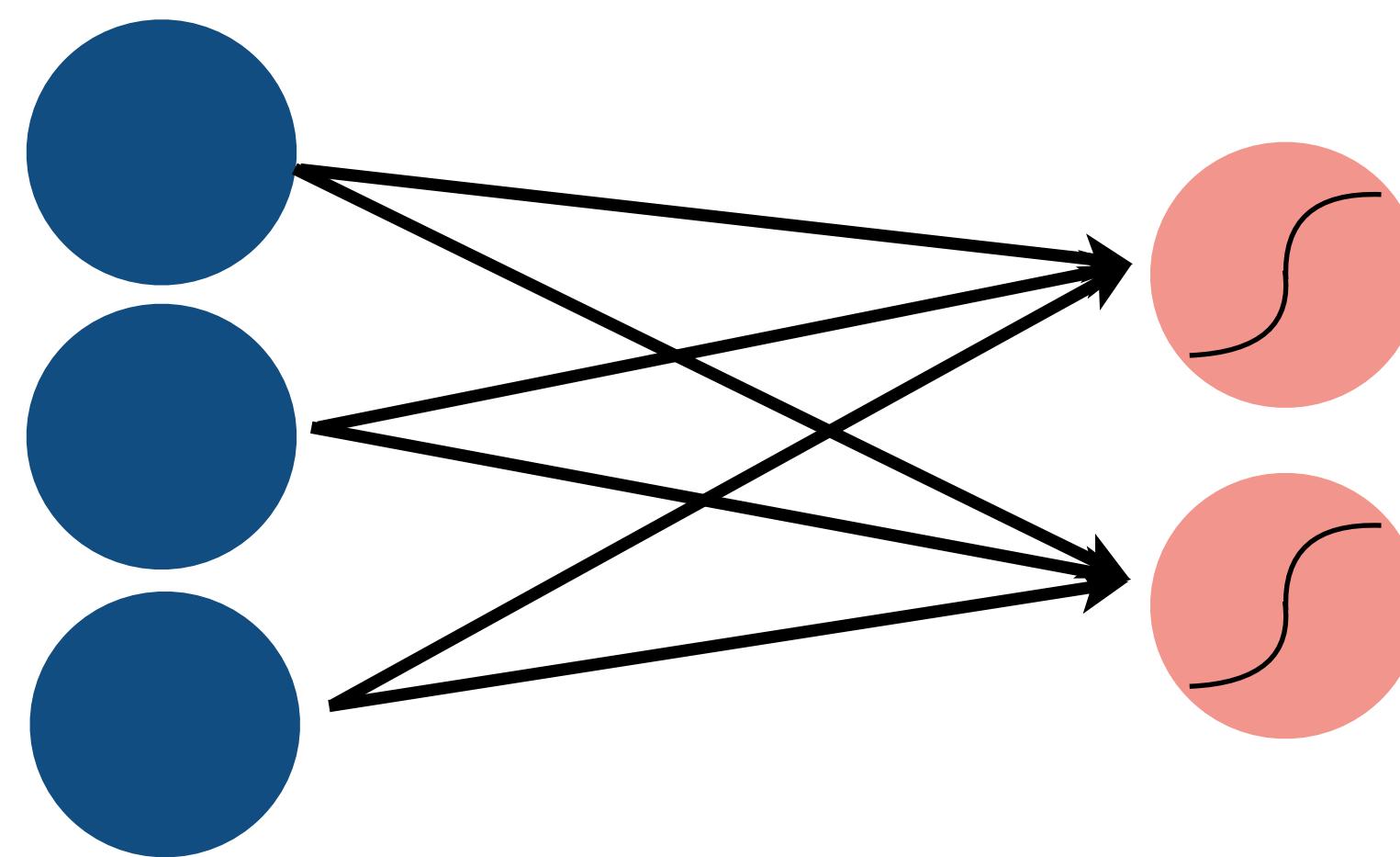
# 인공신경망

Input                      output



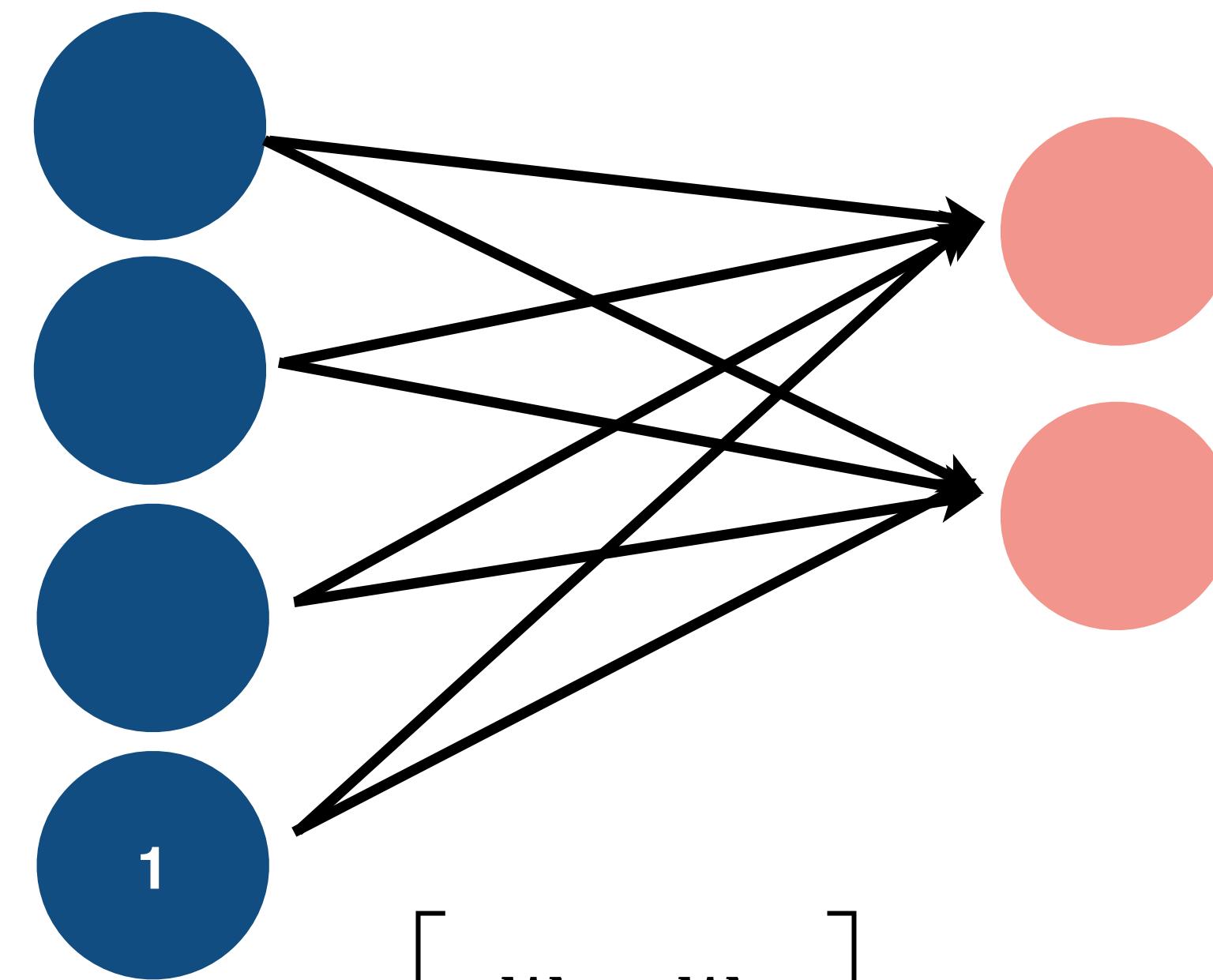
# 인공신경망

Input                      output



# 인공신경망

Input



$$\begin{bmatrix} \theta_1 & \theta_2 & \theta_3 & 1 \end{bmatrix} \begin{bmatrix} w_1 & w_4 \\ w_2 & w_5 \\ w_3 & w_6 \\ b_1 & b_2 \end{bmatrix} = \begin{bmatrix} F_1 & F_2 \end{bmatrix}$$

***W***

# NN with hidden layers

