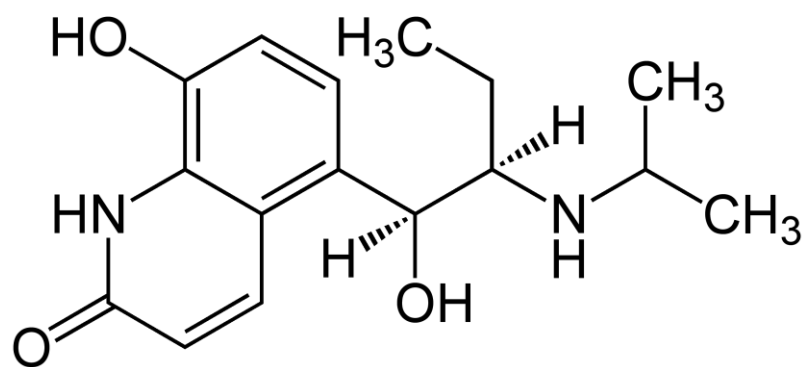
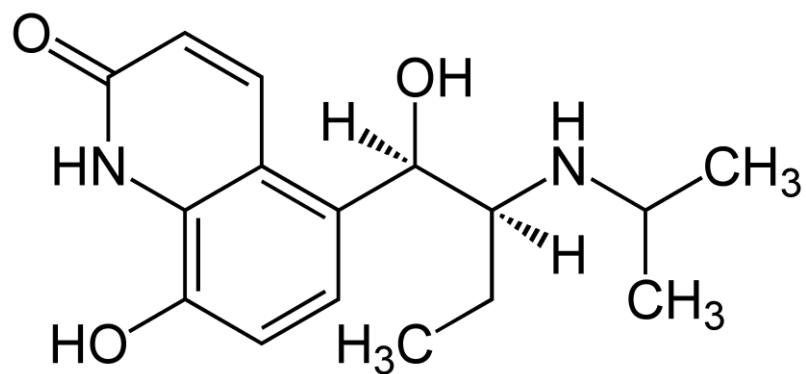


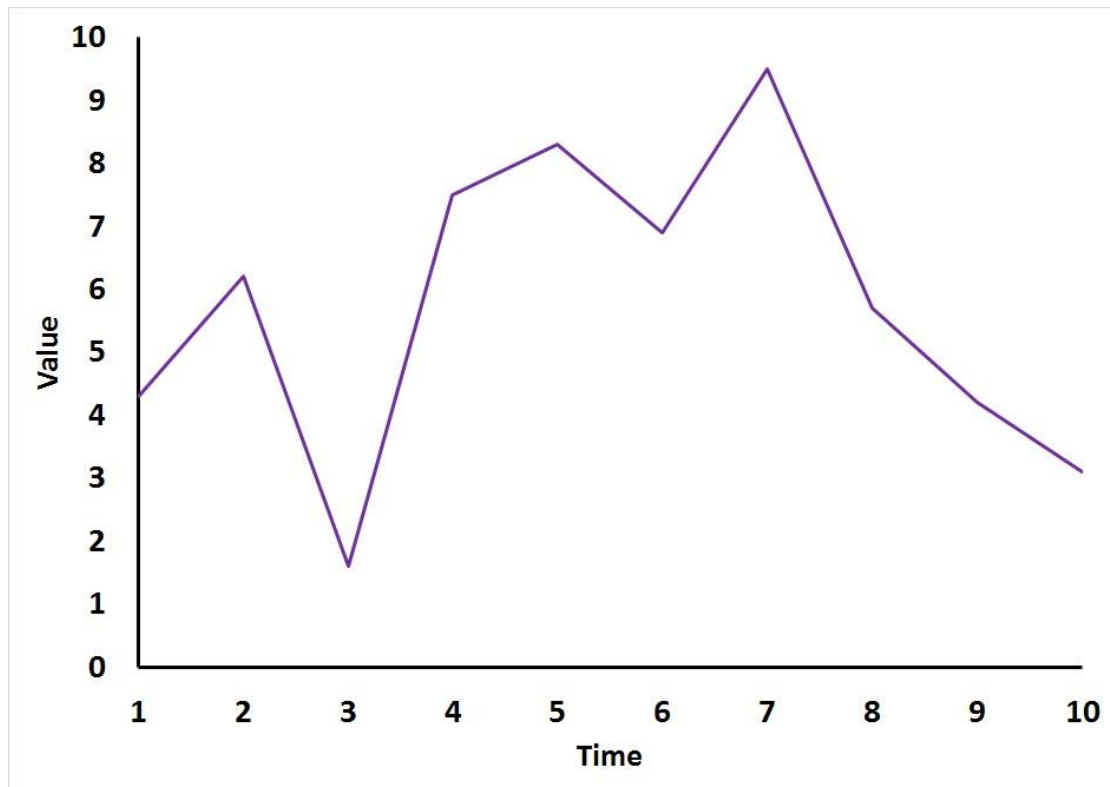
A molecular formula



A formula

$$I = \sum_{i=0}^m [p_n(x_i) - y_i]^2 = \sum_{i=0}^m \left(\sum_{k=0}^n a_k x_i^k - y_i \right)^2 = \min$$

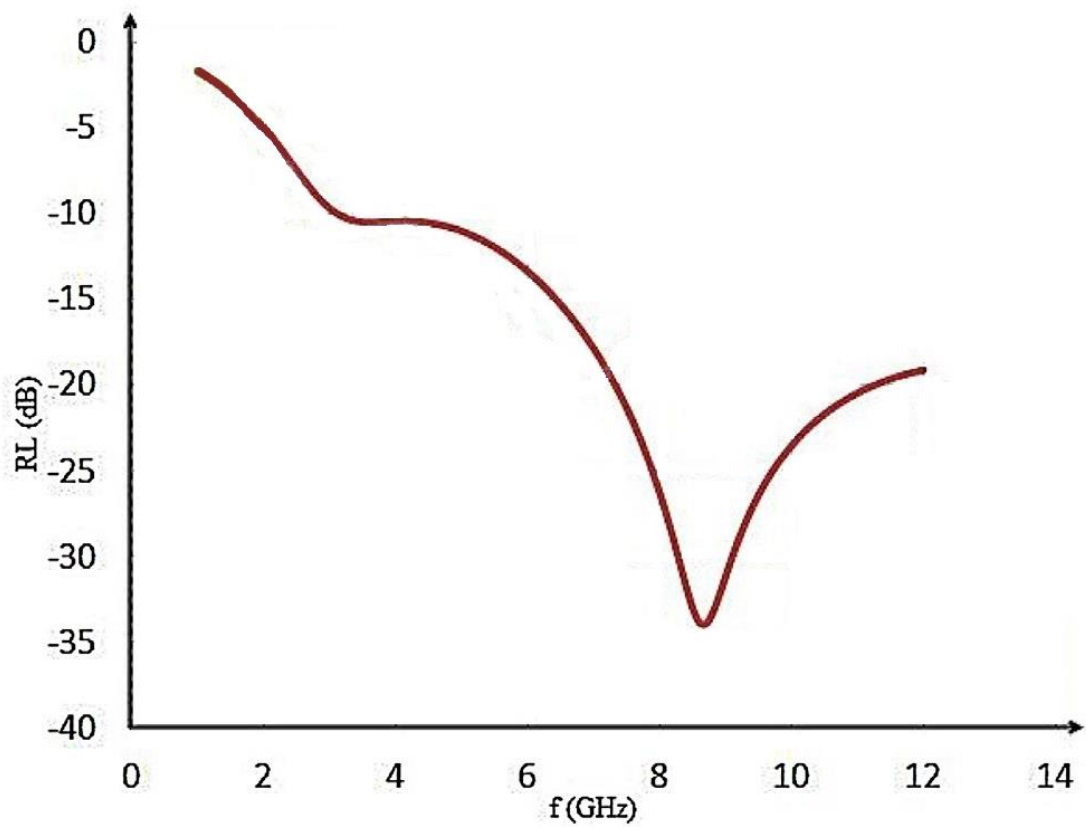
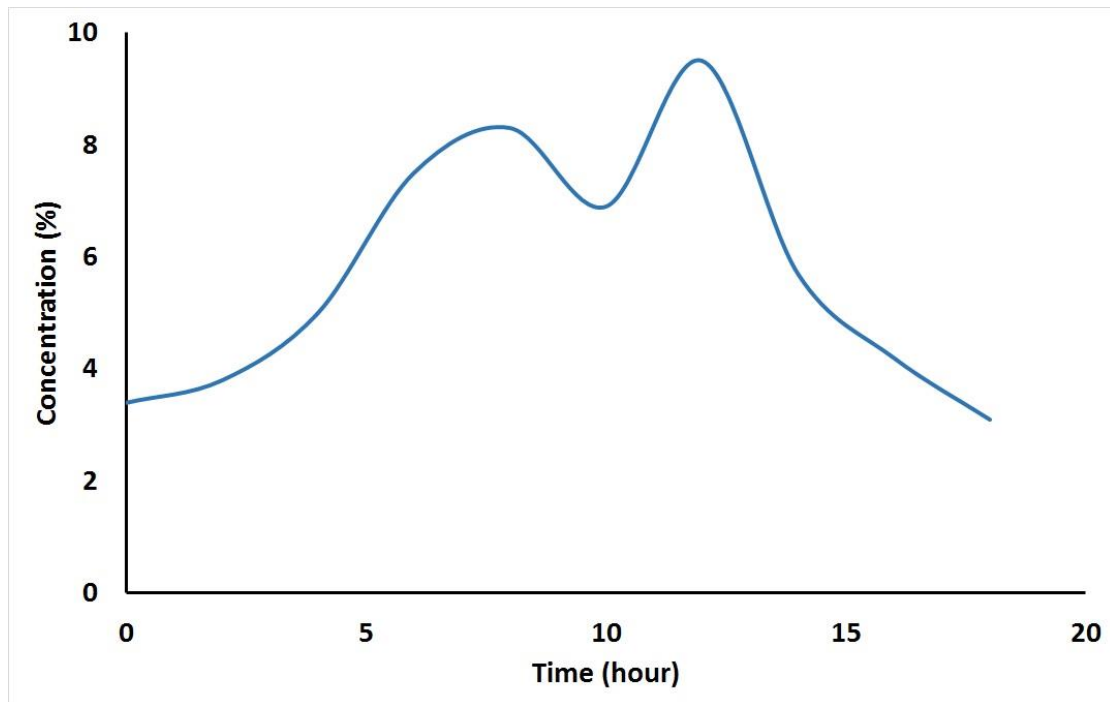
Broken line chart



matrix

$$\begin{bmatrix}
 m+1 & \sum_{i=0}^m x_i & \cdots & \sum_{i=0}^m x_i^n \\
 \sum_{i=0}^m x_i & \sum_{i=0}^m x_i^2 & \cdots & \sum_{i=0}^m x_i^{n+1} \\
 \vdots & \vdots & \ddots & \vdots \\
 \sum_{i=0}^m x_i^n & \sum_{i=0}^m x_i^{n+1} & \cdots & \sum_{i=0}^m x_i^{2n}
 \end{bmatrix}
 \begin{bmatrix}
 a_0 \\
 a_1 \\
 \vdots \\
 a_n
 \end{bmatrix}
 =
 \begin{bmatrix}
 \sum_{i=0}^m y_i \\
 \sum_{i=0}^m x_i y_i \\
 \vdots \\
 \sum_{i=0}^m x_i^n y_i
 \end{bmatrix}$$

Curve line chart



Common images

