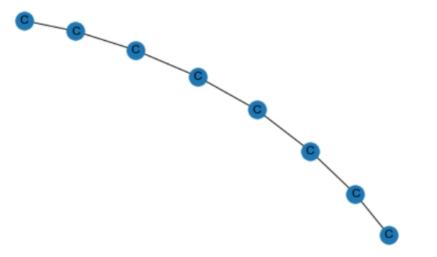
Chemical representation

Wiener index vs alkane length

Graph representation



[(0, 'C'), (1, 'C'), (2, 'C'), (3, 'C'), (4, 'C'), (5, 'C'), (6, 'C'), (7, 'C')]

Adjacency matix
[[0. 1. 0. 0. 0. 0. 0. 0. 0.]
[1. 0. 1. 0. 0. 0. 0. 0.]
[0. 1. 0. 1. 0. 0. 0. 0.]
[0. 0. 1. 0. 1. 0. 0. 0.]
[0. 0. 1. 0. 1. 0. 0. 0.]
[0. 0. 0. 1. 0. 1. 0. 0.]
[0. 0. 0. 0. 1. 0. 1. 0.]
[0. 0. 0. 0. 0. 0. 1. 0. 1.]

$$W(G) = rac{1}{2} \sum_{u,v \in V(G)} d(u) d(v) \quad , \quad d(u) = distance$$

