

A water-soluble linear hetero-chain dipolymer of general formula $(-\text{CH}_2-\text{CR}_1\text{R}_2)_n-(\text{R}_4-\text{NHCO}-\text{R}_5-\text{NHCO}-\text{R}_4)_m$. The n/m ratio is within the range of from 10 to 100. The fragments of chain, wherein -CO-NH- amide groups are present, are connected with similar fragments via H-bonds between amide and carboxyl groups.