

Chelating Agents

Chelating Agents - Organic chemicals that form two or more coordination bonds with a central metal ion. Heterocyclic rings are formed with the central metal atom as part of the ring. Some biological systems form metal chelates, e.g., the iron-binding porphyrin group of hemoglobin and the magnesium-binding chlorophyll of plants. (From Hawley's Condensed Chemical Dictionary, 12th ed) They are used chemically to remove ions from solutions, medically against microorganisms, to treat metal poisoning, and in chemotherapy protocols.

 MeSH

Page	Description	Tags
Citric acid	Citric acid A key intermediate in metabolism. It is an acid compound found in citrus fruits. The salts of citric acid (citrates) can be used as anticoagulants due to their calcium chelating ability. Links * MeSH * Oxaloacetic acid * クエン酸 en:anticoagulants en:chelating_agents	anticoagulants , chelating agents
Theaflavin	Theaflavin Catechin dimer joined at B rings; Links * テアフラビン en:antioxidants en:chelating_agents	antioxidants , chelating agents

Tag

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