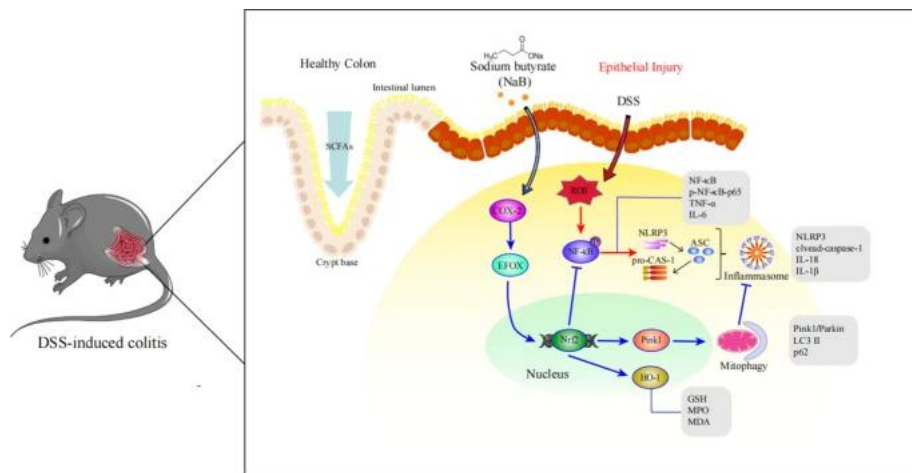


Dextran sulfate sodium salt

2023



Definition (1)

Dextran sulfate sodium salt (DSS), a chemical toxic substance, was used to induce colitis model.

Definition (2)

Dextran sulfate sodium is used to study colitis (inflammatory bowel disease) as well as an antiviral agent. It functions as a nonsurfactant, suspending agent with gel forming and viscosity controlling properties.

Definition (3)

Dextran sulfate sodium salt, or DSS, is a synthetic sulfated branched polysaccharide derivative of dextran that has multiple uses in biomedical and clinical.

Definition (4)

Dextran sulfate sodium salt is a water-soluble polymer that is used as a drug carrier and has many applications in the pharmaceutical industry.

Definition (5)

Dextran Sulfate, Sodium Salt is a complex branched glucan used to apply osmotic pressure to biological molecules.

References

Dextran Sulfate Sodium Salt (DSS) induced enteritis in Orange-spotted grouper, *Epinephelus coioides*

Fish & Shellfish Immunology Volume 137, June 2023, 108742

Sodium Butyrate Inhibits Oxidative Stress and NF-κB/NLRP3 Activation in Dextran Sulfate Sodium Salt-Induced Colitis in Mice with Involvement of the Nrf2 Signaling Pathway and Mitophagy

Digestive Diseases and Sciences (2023)