



Dextran Sulfate Sodium

Cat. No. NAT-310

Lot. No. (See product label)

Product Name	Dextran Sulfate Sodium
Common Name	Dextran Sulfate Sodium; DSS; DSS for colitis
Synonyms	Dextran Sulfate Sodium; DSS; DSS for colitis
Description	Dextran sulfate sodium (DSS) is a sulfated polysaccharide with variable molecular weights. Administration of DSS causes human ulcerative colitis-like pathologies due to its toxicity to colonic epithelial cells, which results in compromised mucosal barrier function.
Product overview	This product can be used in the studies on dextran sulfate for inducing colitis in experimental animals. Recommend concentration of drinking water is 2-4% for mouse and 3.5-5% for rat.
Morphology & Appearance	Powder
Molecular weight	35-55kDa
pH	5.0-6.5
Solubility	Freely soluble in water.
Storage	Store at room temperature.
Application	Dextran sulfate sodium (DSS) is used to induce intestinal inflammation in experimental animals.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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