PRODUCT INFORMATION

Sucrose hexasulfate (potassium salt)
Item No. 18239

CAS Registry No.: 386229-70-5
Formal Name: 1,3,4,6-tetra-O-sulfo-β-
D-fructofuranosyl α-D-
glucopyranoside 2,3-bis(hydrogen
sulfate), hexapotassium salt
MF: C_{12}H_{16}O_{29}S_{6} • 6K
FW: 1051.2
Purity: ≥95%
Stability: ≥2 years at -20°C
Supplied as: A crystalline solid

Laboratory Procedures

For long term storage, we suggest that sucrose hexasulfate (potassium salt) be stored as supplied at -20°C. It should be stable for at least two years.

Sucrose hexasulfate (potassium salt) is supplied as a crystalline solid. A stock solution may be made by dissolving the sucrose hexasulfate (potassium salt) in the solvent of choice. Sucrose hexasulfate (potassium salt) is soluble in water at a concentration of approximately 10 mg/ml. We do not recommend storing the aqueous solution for more than one day.

Description

Sucralfate is a gastrointestinal protectant that includes sucrose octasulfate (Item No. 16382). Sucralfate protects gastric epithelial cells against acid- and pepsin-induced damage.\(^1\) Sucrose hexasulfate is a polysulfated disaccharide that is used as a reference standard for sucralfate.\(^2\)

References