Sucrose hexasulfate (potassium salt)

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: 1,051.2
Purity: ≥65%
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Sucrose hexasulfate (potassium salt) is supplied as a crystalline solid. A stock solution may be made by dissolving the sucrose hexasulfate (potassium salt) in water. The solubility of sucrose hexasulfate (potassium salt) in water is 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. Sucrose hexasulfate is a polysulfated disaccharide that is used as a reference standard for sucralfate.

References