
Product Data Sheet

Product Name: Calcium polystyrene sulfonate

Cat. No.: GC34036

Chemical Properties

Cas. No. 37286-92-3

SMILES C=CC1=CC=CC=C1S(=O)([O-])=O.[Ca+2]Formula $(C_8H_8O_3S)_x \cdot xCa$

M.Wt

Solubility DMSO : < 1 mg/mL (insoluble or slightly soluble) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Calcium polystyrene sulfonate is an ion-exchange resin used for reducing blood levels of potassium. Calcium polystyrene sulfonate is used to treat hyperkalemia in patients with chronic kidney disease (CKD).

[1]. Yu MY, et al. Long-term efficacy of oral calcium polystyrene sulfonate for hyperkalemia in CKD patients. PLoS One. 2017 Mar 22;12(3):e0173542.

Caution: Product has not been fully validated for medical applications. For research use only.

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