

Fructosyl-lysine dihydrochloride

Chemical Properties

CAS No. :	96192-35-7
Formula:	C ₁₂ H ₂₆ Cl ₂ N ₂ O ₇
Molecular Weight:	381.25
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description

Description	Fructosyl-lysine dihydrochloride (Fructoselysine), an Amadori glycation product, forms through the Maillard reaction between glucose and lysine. This compound serves as the precursor to glucosepane, a lysine-arginine protein cross-link, which is significant in the detection of diabetes [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.623 mL	13.1148 mL	26.2295 mL
5 mM	0.5246 mL	2.623 mL	5.2459 mL
10 mM	0.2623 mL	1.3115 mL	2.623 mL
50 mM	0.0525 mL	0.2623 mL	0.5246 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481