

Cesium chloride

Chemical Properties

CAS No. :	7647-17-8
Formula:	ClCs
Molecular Weight:	168.36
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cesium chloride (CsCl) is considered to be the most toxic of the alkali chlorides, inhibiting fungal growth.
Targets(IC50)	Potassium Channel
In vivo	Cesium chloride(CsCl) is clastogenic when administered orally to mice in vivo and the effects are dose-dependent.

Solubility Information

Solubility	DMSO: 10mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9397 mL	29.6983 mL	59.3965 mL
5 mM	1.1879 mL	5.9397 mL	11.8793 mL
10 mM	0.594 mL	2.9698 mL	5.9397 mL
50 mM	0.1188 mL	0.594 mL	1.1879 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.

Reference

Ghosh A , Sharma A , Talukder G , et al. Cytogenetic damage induced in vivo to mice by single exposure to cesium chloride[J]. Environmental & Molecular Mutagenesis, 1991, 18(2):87-91.

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