

Cesium chloride

Chemical Properties

CAS No. :	7647-17-8
Formula:	ClCs
Molecular Weight:	168.36
Storage:	Keep away from moisture,Keep away from direct sunlight Pure form: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



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: 1.69 mg/mL (10.04 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---------------------------------------------------------------------------------------------------------------------------

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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481