Product Name: Cesium chloride
CAS Number: 7647-17-8
IUPAC Name: <

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: CsCl
Batch Molecular Weight: 168.36
Physical Appearance: White solid
Solubility: water to 100 mM
Storage: Desiccate at RT
Batch Molecular Structure: CsCl

2. ANALYTICAL DATA

Purity by titration with AgNO3: 101 %
Lithium: <0.001 %
Lead: Not detected
Sulfate: <100 ppm

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.com
info@bio-techne.com
techsupport@bio-techne.com

North America
Tel: (800) 343 7475
China
info.cn@bio-techne.com
Tel: +86 (21) 52380373
Europe Middle East Africa
Tel: +44 (0)1235 529449
Rest of World
www.tocris.com/distributors
Tel:+1 612 379 2956
Product Information

Product Name: Cesium chloride
CAS Number: 7647-17-8
IUPAC Name: <

Description:
Potassium channel blocker; inhibits the pacemaker current (Ih) and the hyperpolarization-activated cationic current (Im). Prevents activation of caspase-3 and neuronal apoptosis in serum- and potassium-deprived cerebellar granule neurons by inactivating GSK-3β.

Physical and Chemical Properties:
Batch Molecular Formula: CsCl
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Physical Appearance: White solid

Batch Molecular Structure:
CsCl

Storage: Desiccate at RT

Solubility & Usage Info:
water to 100 mM

Stability and Solubility Advice:
Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:
SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.
SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References: