

## 1. Identification

### Catalogue Number

T892750

### Lot Number

4-ZMO-68-1

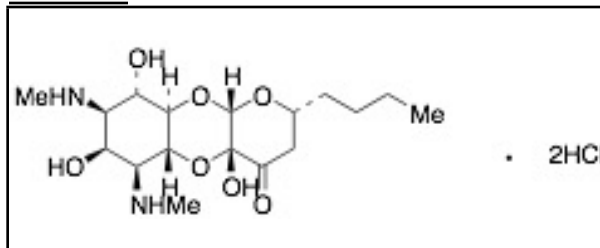
### Product Name

Trospectomycin Dihydrochloride (>70%)

### Synonyms

(2R,4aR,5aR,6S,7S,8R,9S,9aR,10aS)-2-Butyldecahydro-4a,7,9-trihydroxy-6,8-bis(methylamino)-4H-pyrano[2,3-b][1,4]benzodioxin-4-one Dihydrochloride;

### Structure



### CAS Number

85951-37-7

### Solubility

Methanol (Slightly), Water (Slightly)

### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>17</sub>H<sub>30</sub>N<sub>2</sub>O<sub>7</sub> • 2HCl

### Source of Product

Synthetic

### Long Term Storage Conditions

-20°C, Inert atmosphere

### Molecular Weight

374.43 + 2(36.46)

### Purity

>70%

## 2. Warnings

## 3. Analytical Information

### Tests

Appearance

### Specifications

Pale Yellow to Light Yellow Solid

### Results

Pale Yellow Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 39.44, %H: 7.35, %N: 5.65

HPLC Purity

Report Result

76.27% (ELSD)

MS

Conforms to Structure

Conforms

### Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

### Reviewed by



Henry Tieu

Product Quality Specialist

### Reviewed by



Toni Rantanen

Manager, Quality Assurance

### C of A Approved by



Chanell Chu

Jr. Quality Assurance

### Test Date

5/26/2023

### Retest Date

5/24/2027