

1. Identification

Catalogue Number

P509305

Lot Number

23-JQW-177-1

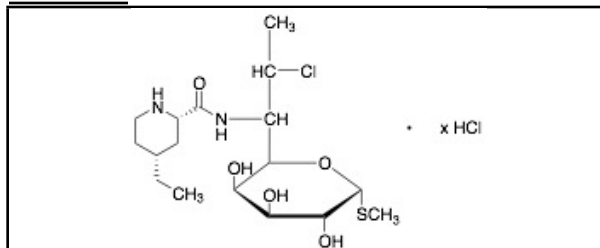
Product Name

Pirlimycin Hydrochloride

Synonyms

Pirsue; U 57930E; (2S-cis)-methyl 7-Chloro-6,7,8-trideoxy-6-[[[4-ethyl-2-piperidinyl) carbonyl]amino]-1-thio-L-threo-α-D-galacto-octopyranoside Monohydrochloride;

Structure



CAS Number

78822-40-9

Solubility

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₇H₃₁ClN₂O₅S•xHCl

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

410.96+x(36.46)

Purity

98%

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 44.74, %H: 7.28, %N: 5.85
HPLC Purity	Report Result	99.05% (ELSD)
MS	Conforms to Structure	Conforms
Chloride Content	Report Result	7.4%
Specific Rotation	Report Result	+221.0° (c = 0.1, Methanol)

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			3/21/2024	3/19/2028
Sarbjit Kaur	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		