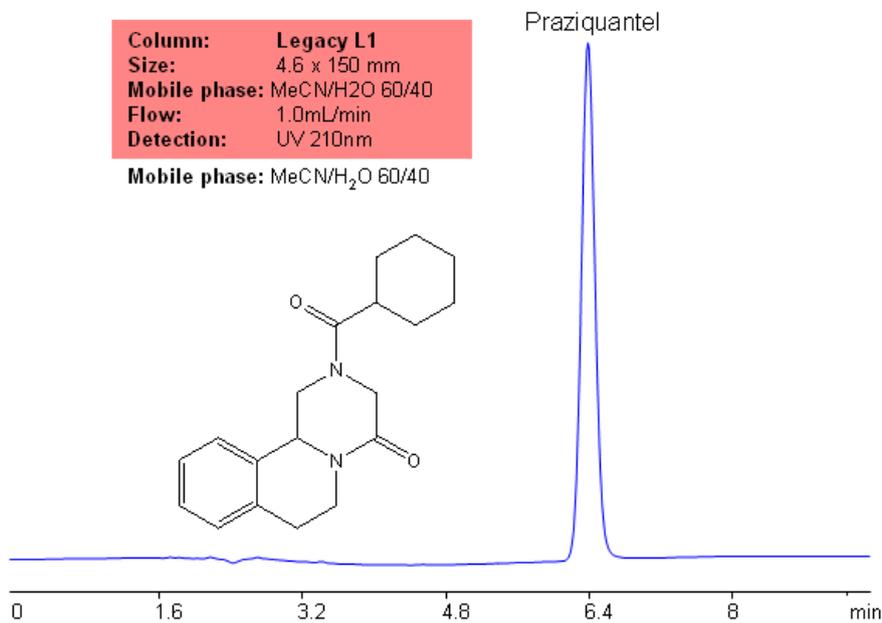


USP Methods for the Analysis of Praziquantel using the Legacy L1 Column



Praziquantel is an anthelmintic drug effective against flatworms. The drug is used to treat diseases in humans, mammals, and fish. Praziquantel and related impurities can be analyzed by reversed-phase chromatography according to the USP, United States Pharmacopeia, manuscript. It requires a reversed-phase HPLC column, classified as L1. This method was developed on the Legacy L1 column and can be used for analysis of various molecules according to USP.

SIELC's family of Legacy columns is based on the United States Pharmacopeia's (USP) published chromatographic methods and procedures. Numerous brands have columns used in USP reference standards and methods. USP has created various designations to group together columns with similar types of packing and properties in the solid phase. SIELC's Legacy columns adhere to these strict requirements and properties, allowing you to easily replace older columns that are no longer available without needing to significantly modify your method or SOPs.

Method Parameters

Column	Legacy L1, 4.6x150 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H ₂ O – 60/40%
Buffer	No
Flow Rate	1.0 mL/min
Detection	UV, 210 nm

Quelle: <https://sielc.com/Application-USP-Methods-for-the-Analysis-of-Praziquantel-using-the-Legacy-L1-Column>