

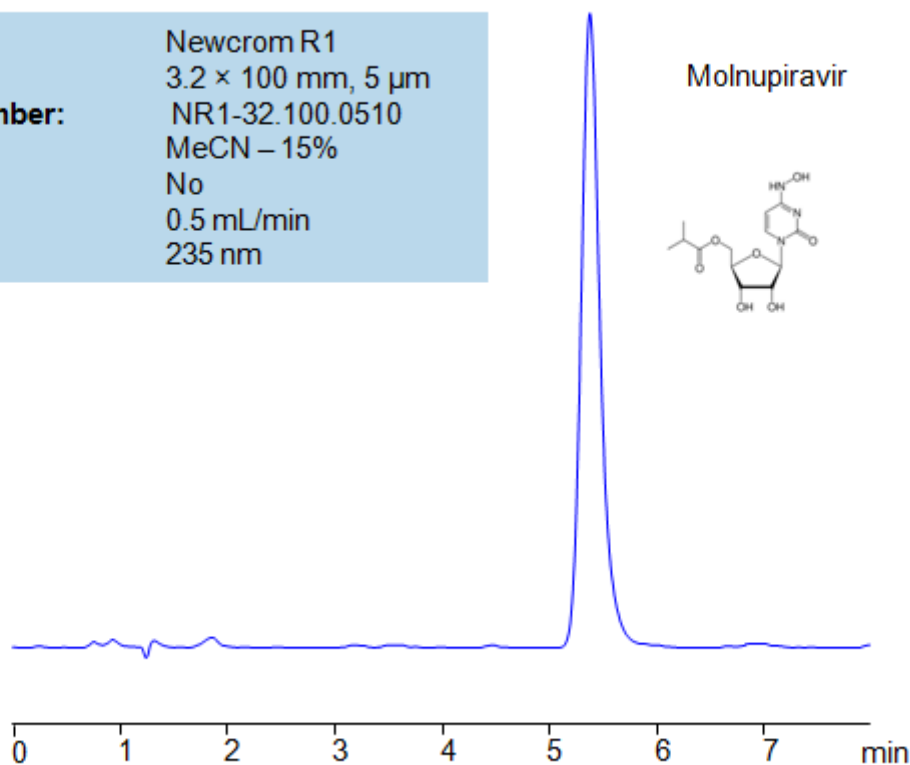
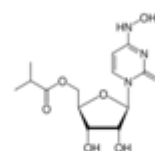
HPLC Method for Analysis of Molnupiravir on Newcrom R1 Column

<https://sielc.com/hplc-method-for-analysis-of-molnupiravir>

Chromatogram

Column: Newcrom R1
Column size: 3.2 × 100 mm, 5 µm
Column part number: NR1-32.100.0510
Mobile phase: MeCN – 15%
Buffer: No
Flow rate: 0.5 mL/min
UV detection: 235 nm

Molnupiravir



Description

High Performance Liquid Chromatography (HPLC) Method for Analysis of Molnupiravir (EIDD-2801, MK-4482) .

Molnupiravir is an antiviral drug with the chemical formula C₁₃H₁₉N₃O₇. It works through inhibiting RNA replication in viruses like influenza and ebola. It gained recent notoriety in its ability to help treat COVID-19 infections from the SARS-CoV-2 virus. You can find detailed UV spectra of Molnupiravir (EIDD-2801, MK-4482) and information about its various lambda maxima by visiting the following link.

Molnupiravir (EIDD-2801, MK-4482) can be retained and analyzed using the Newcrom R1 stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN). Detection is performed using UV. This analysis method can be UV detected at 235 nm with high resolution and peak symmetry.

Method Parameters

Mobile Phase	MeCN -15%
Buffer	No
Flow Rate	0.5 ml/min
Detection	UV 235nm

Class of Compounds	Drug
Analyzing Compounds	Molnupiravir (EIDD-2801, MK-4482)

HPLC Column Used

Newcrom R1, 3.2 x 100 mm, 5 µm, 100 A, dual ended

[Order this column at hplc-shop.de →](https://www.hplc-shop.de)