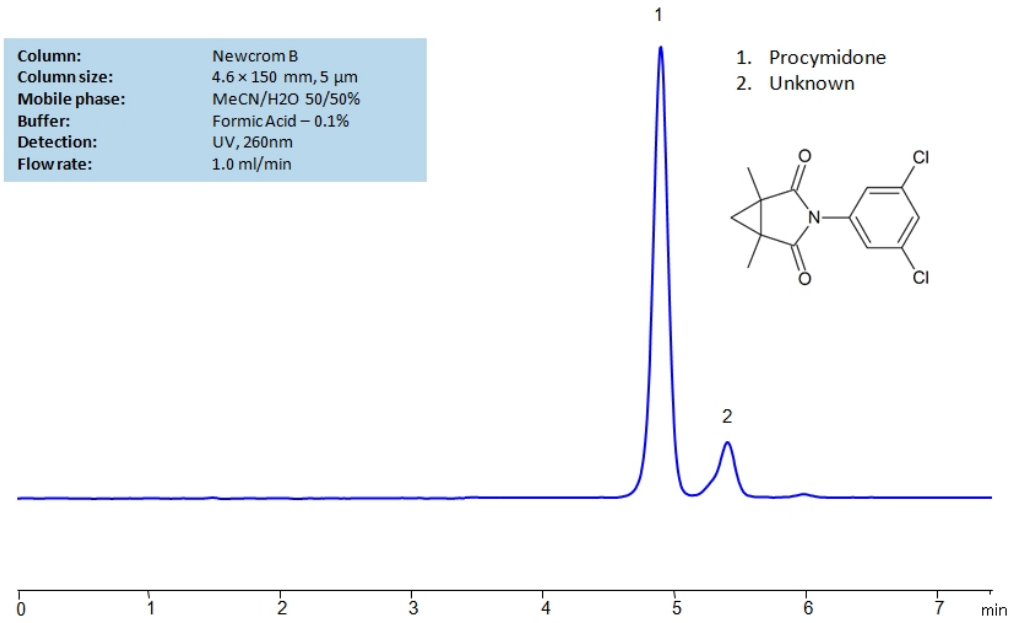
HPLC Separation of Procymidone on Newcrom B Column



High Performance Liquid Chromatography (HPLC) Method for Analysis of Procymidone .

Procymidone is a pesticide and fungicide with the chemical formula C13H11Cl2NO2 . It is typically used to kill unwanted ferns, nettles, and fungi in lupins, grapes, stone fruit, and strawberries.

Procymidone can be retained and analyzed using the Newcrom B stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with a formic acid buffer. Detection is performed using UV.

Method Parameters

Column	Newcrom B, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
Mobile Phase	MeCN/H2O – 50/50%
Buffer	Formic Acid – 0.1%
Flow Rate	1.0 mL/min
Detection	UV, 260 nm

Quelle: https://sielc.com/hplc-separation-of-procymidone-on-newcrom-b-column