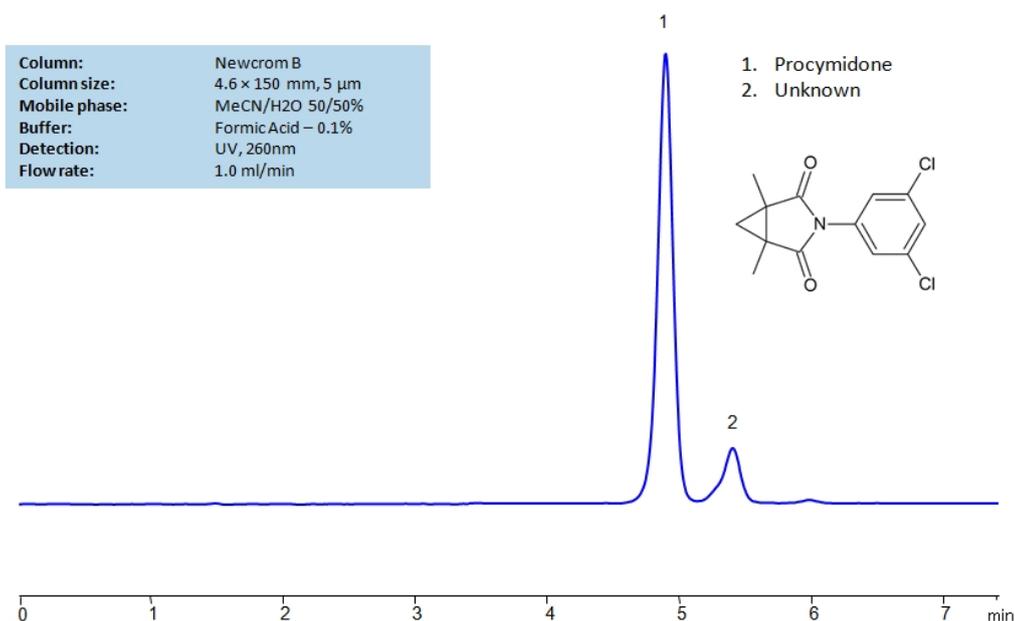


## HPLC Separation of Procymidone on Newcrom B Column



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

Procymidone is a pesticide and fungicide with the chemical formula C<sub>13</sub>H<sub>11</sub>Cl<sub>2</sub>NO<sub>2</sub> . 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

<b>Column</b>	Newcrom B, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
<b>Mobile Phase</b>	MeCN/H <sub>2</sub> O – 50/50%
<b>Buffer</b>	Formic Acid – 0.1%
<b>Flow Rate</b>	1.0 mL/min
<b>Detection</b>	UV, 260 nm

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