

Nicergoline

Waters Corporation



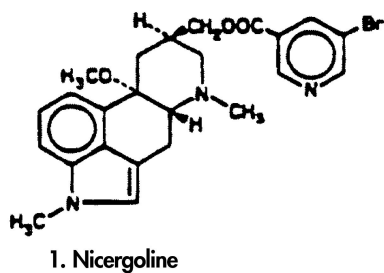
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief highlight the analysis of nicergoline using Symmetry C₁₈.

Introduction

Nicergoline is an ergot derivative used to treat senile dementia and other disorders with vascular origins. It decreases vascular resistance and increases arterial blood flow in the brain, improving the utilization of oxygen and glucose by brain cells.

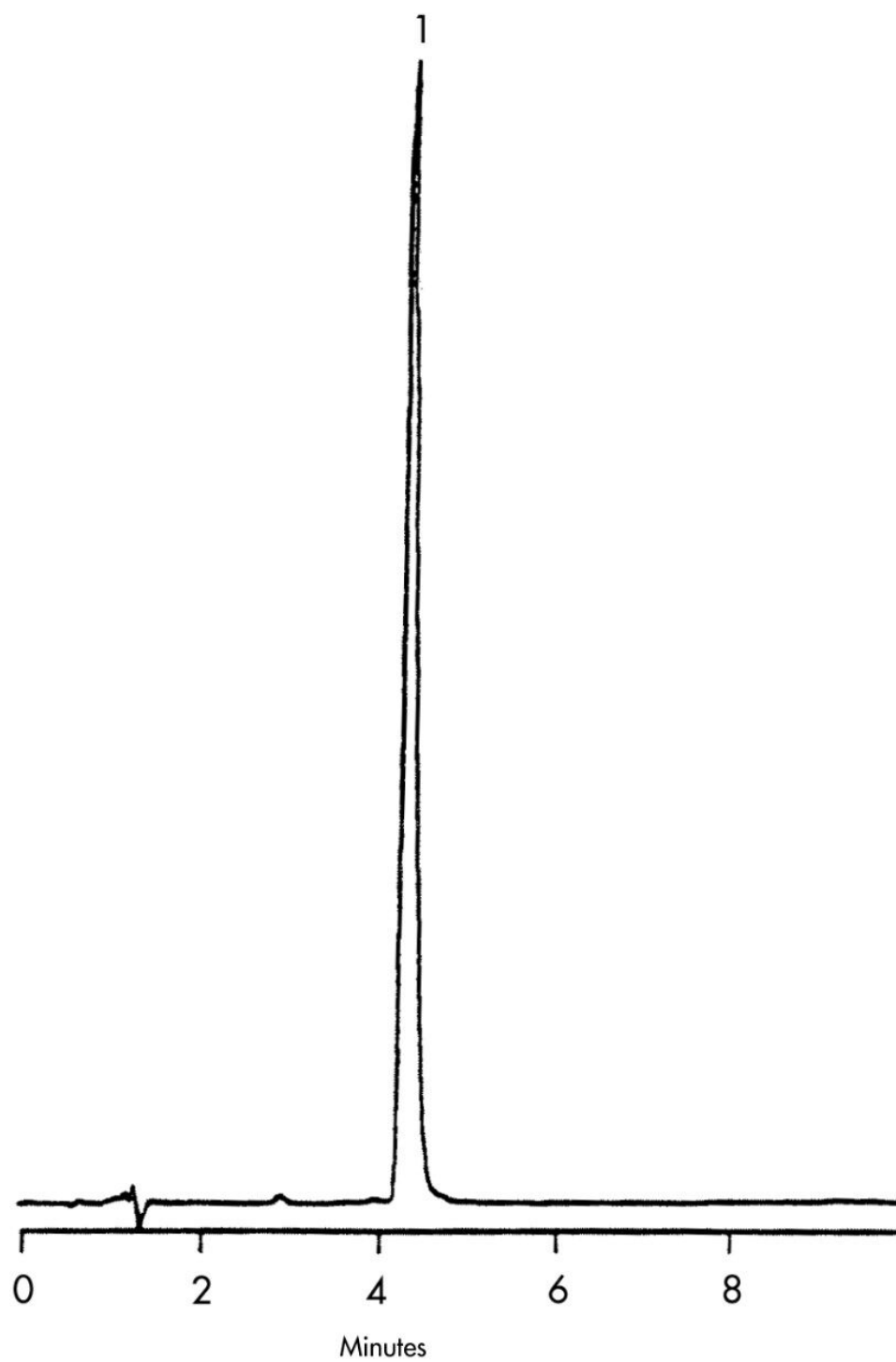


Experimental

HPLC Method

Column:	Symmetry C ₁₈ , 3.9 x 150 mm, 5 µm (p/n: WAT046980)
Mobile phase:	Acetonitrile/100 mM sodium acetate, pH 5.0 40:60
Flow rate:	1.0 mL/min
Injection volume:	10 µL of 30 µg/mL nicergoline
Detection:	UV @ 227 nm
USP tailing factors:	1. 1.2

Results and Discussion



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