



### Certificate of Analysis

### 质量分析报告(COA)

Product Name (产品名称): TY-A-10219 **Bronchogen**

Lot No (批号): P25081810219

Peptide Sequence (肽序): AEDL

Molecular Weight (分子量): 446.45

Weight (重量): 1g

Storage (储存): -4°C or -20°C

Solubility (溶解性): Normal

检测项目 Test Items	标准规定 Specification	检测结果 Results
Appearances 外观	-----	powder
Purity (HPLC) 纯度	>98% 醋酸盐	98.99%
Mass 质谱	see attached MS Analysis Report	

\*Note: this product is intended for research use only; not for diagnostic or human use.

\*Important: Stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated.

Quality Assurance By: \_\_\_\_\_

Date: 2025-8-18

Quality Control Department



MS Analysis Report

Sample ID: TY-A-10219 Bronchogen

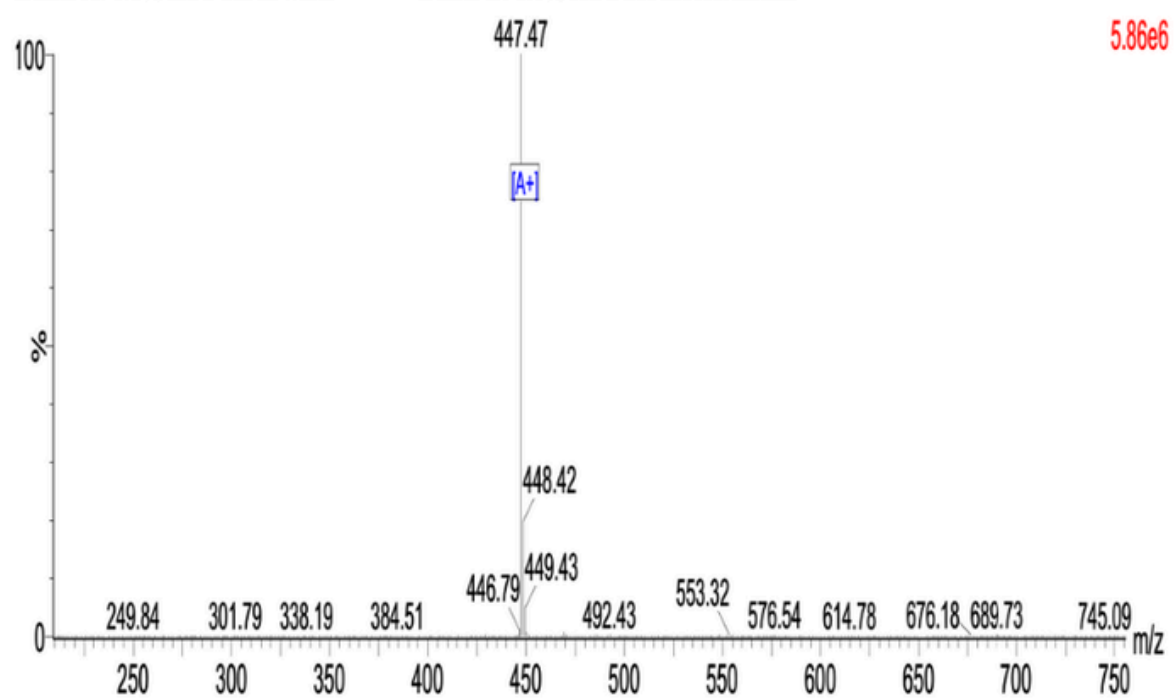
Expected MS: 446.45

Flow rate: 0.2ml/min

Run Time: 1min

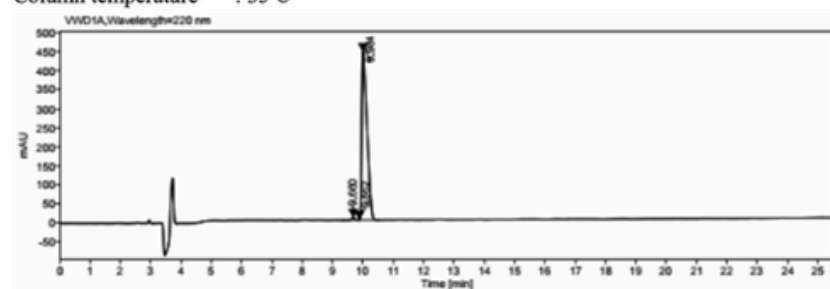
Buffer A: 0.1% HCOOH in water

Buffer B: 0.1% HCOOH in Acetonitrile



### HPLC Analysis Report

Product Name : TY-A-10219 Bronchogen  
 Catalog ID : TY-A-10219 Bronchogen  
 Lot. No : P25081810219  
 Sequence : H-Ala-Glu-Asp-Leu-OH  
 Column : Agilent 5 HC-C18(2) 250\*4.6mm  
 Buffer : A: 0.1% TFA in Acetonitrile B: 0.1% TFA in H2O  
 Gradient : 10-35% in25 min  
 Flow rate : 1.0ml/min  
 Wavelength : 220nm  
 Dissolution method : 100%H2O  
 Column temperature : 35°C



Signal: VWD1A,Wavelength=220 nm

RT [min]	Type	Width [min]	Area	Height	Area%	Name
3.660	NS	0.54	50.93	7.31	0.95	
3.982	NS	0.67	3.35	0.81	0.06	
9.984	NS	0.65	5205.72	443.13	98.99	
	Sum		5275.00			