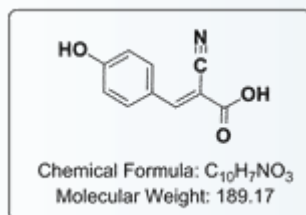


CHCA MALDI Matrix

Product Numbers: 15101-24x1, 15101-5x10, 15101-100, 15101-1

Product Information Bulletin



Product Background

Alternative Names: [α-Cyano-4-hydroxycinnamic acid](#), [α-HCCA](#), [CHCA](#), [α-CCA](#), [ACCA](#), [α-CHCA](#), [alpha-cyano-4-hydroxycinnamic acid](#)

CHCA is a MALDI matrix that is recommended for the MALDI-MS (Matrix Assisted Laser Desorption Ionization Mass Spectrometry) analysis of peptides and proteins below 4,000 Daltons. CovaChem's CHCA MALDI matrix comes conveniently packaged for easy use, with minimal waste. The 1 mg and 10 mg package sizes are also ideally suited for high throughput applications.

General Protocol (1 mg and 10 mg pre-dispensed CHCA)

1. Reconstitute CHCA MALDI matrix tube (either 1 mg or 10 mg tube) with 70% Acetonitrile, 30% Water with 0.1% TFA to the desired concentration. Typical working concentrations range from 2 mg/mL to 10 mg/mL. If working with a saturated solution, spin down any undissolved matrix prior to dispensing.
2. Mix MALDI matrix solution with protein or peptide solution to form a 1 µL solution.
3. Dispense the 1 µL droplet onto the MALDI target plate, and allow solvent to evaporate at room temperature.
4. Analyze the sample with MALDI mass spectrometer.

Product Description

Package Size and Product Numbers	
24x1 mg.....	15101-24x1
5x10 mg.....	15101-5x10
100 mg.....	15101-5x10
1 gram.....	15101-5x10

Product Name: [CHCA MALDI Matrix](#)

CAS Number:.....[28166-41-8](#)

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