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of our customers



1869451
8201345

Instructions for Use

Sinapinic acid (SA)

**Purified matrix substance for matrix-assisted laser desorption and ionization
time-of-flight mass spectrometers (MALDI-TOF MS)**

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Language: en

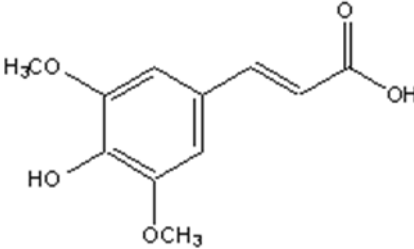
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1 Product Description

Sinapinic acid (SA) is a useful MALDI matrix for a wide variety of peptides and proteins. Sinapinic acid (SA) is a good choice for analysis of larger proteins (10–150 kDa) and some polar polymers. It is also suitable for generation of ISD spectra of intact proteins.

Small peptides (<3 kDa) may not produce strong signals with Sinapinic acid (SA), and in such cases we recommend using HCCA (# 8201344) as a MALDI matrix.

For preparation protocols, see the *Instructions for Use: Bruker Guide to MALDI Sample Preparation* (Product Number # 8702557), which is available for download at www.bruker.com/ifu.

Synonyms	3,5-Dimethoxy-4-hydroxycinnamic acid, Sinapic acid
Molecular formula	C ₁₁ H ₁₂ O ₅
Structural formula	
Molecular weight	224.22 g/mol
CAS number	530-59-6
EC number	208-487-6
Matrix solvents	ethanol, acetone, acetonitrile
Melting point	197–201°C

Ordering Information


Product	Part Number
Sinapinic acid (SA), 5 tubes	# 8201345
Sinapinic acid (SA), 10 tubes	# 1869451

2 Storage and Stability

Sinapinic acid (SA) is shipped at ambient temperature. We recommend storing Sinapinic acid (SA) on arrival in the dark at 4°C.

3 Risk and Safety Information

Sinapinic acid (SA) must be labeled according to Regulation (EC) No 1272/2008. Signal word: WARNING.







	Sinapinic acid (SA) is classified as a hazardous chemical: WARNING (H: 315, 319, 335)
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For more information, read the Safety Data Sheet available for download at www.bruker.com/care.

Additional chemicals may be required for procedures described in these Instructions for Use. Carefully read the Safety Data Sheet provided by the supplier and follow general safety regulations when handling chemicals or biohazardous material.

4 Symbols

The following symbols are used in the labeling:

	Catalogue number
	Research Use Only
	Manufacturer
	Temperature limit
	Batch code
	Use-by date
	Contains sufficient for <n> tests
	Consult instructions for use

5 Manufacturer



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For research use only. Not for use in diagnostic procedures.

Descriptions and specifications supersede all previous information and are subject to change without notice.

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