

## Instructions for Use

# SDHB

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

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The CARE product range is specifically optimized and certified for use with all Bruker Daltonics systems.

[www.bruker.com/care](http://www.bruker.com/care)

**Language: en**

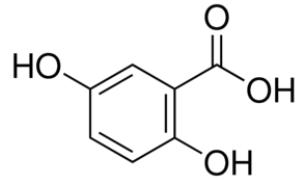
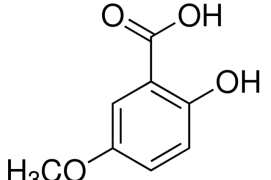
1	Product Description .....	2
2	Storage and Stability .....	2
3	Risk and Safety Information .....	3
4	Manufacturer .....	3

## 1 Product Description

SDHB is a mixture of 2,5-dihydroxybenzoic acid (2,5-DHB) and 2-hydroxy-5-methoxybenzoic acid. We recommend using SDHB MALDI matrix for MALDI-TOF-MS analysis of very large proteins and glycoproteins instead of 2,5-DHB.

SDHB is also suitable for the generation of ISD spectra of intact proteins and for use on AnchorChip™ MALDI targets.

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](http://www.bruker.com/ifu).

<b>Synonyms:</b>	Super DHB	
<b>Components:</b>	2,5-dihydroxybenzoic acid	2-hydroxy-5-methoxybenzoic acid
<b>Molecular formulae:</b>	C <sub>7</sub> H <sub>6</sub> O <sub>4</sub>	C <sub>8</sub> H <sub>8</sub> O <sub>4</sub>
<b>Structural formulae:</b>		
<b>Molecular weight:</b>	154.12 g/mol	168.15 g/mol
<b>CAS-No.:</b>	490-79-9	2612-02-4
<b>EC-No.:</b>	207-718-5	220-037-8
<b>Matrix solvents:</b>	acetonitrile, ethanol, acetone, water	
<b>Melting point (mixture):</b>	195–205°C	

### Ordering Information

Product	Size	Part No.
SDHB	10 x 500 mg	# 8209813

## 2 Storage and Stability

SDHB is shipped at ambient temperature. We recommend storing SDHB on arrival in the dark at 4°C.

### 3 Risk and Safety Information

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



SDHB is classified as a hazardous chemical: WARNING (H: 302, 315, 319, 335)

For more information, read the Material Safety Data Sheet available for download at [www.bruker.com/msds](http://www.bruker.com/msds).

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

### 4 Manufacturer



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

# 8209813

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

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