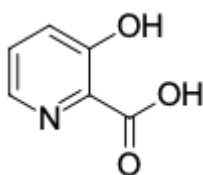

3-Hydroxypicolinic acid, matrix substance for MALDI-MS

<http://www.lumiprobe.com/p/3-hydroxypicolinic-acid-maldi-matrix>

3-hydroxypicolinic acid is a picolinic acid in which the hydrogen at position 3 is replaced by a hydroxy group. 3-HPA (3-hydroxypicolinic acid) is used as a matrix in matrix-assisted laser desorption/ionization (MALDI) mass spectrometry that provides a high signal-to-noise ratio and is suitable for analyzing mixed base oligomers, particularly through specific non-covalent interactions.

The product 3-Hydroxypicolinic acid, matrix substance for MALDI-MS is a highly purified and prepared compound to be used as a matrix in mass spectrometry.



Structure of 3-Hydroxypicolinic acid

General properties

Appearance:	off-white solid
Molecular weight:	139.11
CAS number:	874-24-8
Molecular formula:	C ₆ H ₅ NO ₃
Solubility:	DMF, DMSO
Quality control:	NMR ¹ H and HPLC-MS (95+%), functional testing
Storage conditions:	24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.
Legal statement:	This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.