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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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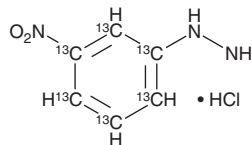
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

PRODUCT INFORMATION

¹³C₆-3-Nitrophenylhydrazine (hydrochloride)

Item No. 20744

CAS Registry No.: 1977535-33-3
Formal Name: (3-nitrophenyl-1,2,3,4,5,6-¹³C₆)hydrazine, monohydrochloride
Synonym: ¹³C₆-3-NPH
MF: [¹³C]₆H₇N₃O₂ • HCl
FW: 195.6
Purity: ≥98%
UV/Vis.: λ_{max}: 224, 336 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

¹³C₆-3-Nitrophenylhydrazine (¹³C₆-3-NPH) (hydrochloride) is supplied as a crystalline solid. A stock solution may be made by dissolving the ¹³C₆-3-NPH (hydrochloride) in the solvent of choice, which should be purged with an inert gas. ¹³C₆-3-NPH (hydrochloride) is soluble in the organic solvent DMSO at a concentration of approximately 5 mg/ml.

Description

¹³C₆-3-NPH is a ¹³C-labeled derivatizing reagent for carboxylic acids.¹ It is useful for LC-MS analysis of volatile acids such as short chain fatty acids.

Reference

1. Sobsey, C.A., Han, J., Lin, K., *et al.* Development and evaluation of a liquid chromatography-mass spectrometry method for rapid, accurate quantitation of malondialdehyde in human plasma. *J. Chromatogr. B. Analyt. Technol. Biomed. Life Sci.* **1029-1030**, 205-212 (2016).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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