



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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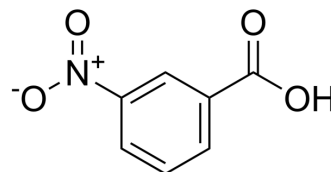
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3-Nitrobenzoic acid

Cat. No.:	HY-Y1313	
CAS No.:	121-92-6	
Molecular Formula:	C ₇ H ₅ NO ₄	
Molecular Weight:	167.12	
Target:	Bacterial	
Pathway:	Anti-infection	
Storage:	Powder	-20°C 3 years
		4°C 2 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 200 mg/mL (1196.74 mM)
 * "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	5.9837 mL	29.9186 mL	59.8372 mL
5 mM	1.1967 mL	5.9837 mL	11.9674 mL
10 mM	0.5984 mL	2.9919 mL	5.9837 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

3-Nitrobenzoic acid (m-Carboxynitrobenzene; m-Nitrobenzenecarboxylic acid; m-Nitrobenzoic acid) is a strong antioxidant and antimicrobial agent that can inhibit the generation of free radicals and kill bacteria and fungi. 3-Nitrobenzoic acid is a kind of biological materials or organic compounds that are widely used in life science research^[1].

REFERENCES

[1]. Bergmeyer H U, et al. Biochemical reagents[M]//Methods of Enzymatic Analysis. Academic Press, 1965: 967-1037.

Caution: Product has not been fully validated for medical applications. For research use only.

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