



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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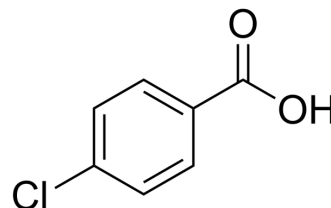
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4-Chlorobenzoic acid

Cat. No.:	HY-41465
CAS No.:	74-11-3
Molecular Formula:	C ₇ H ₅ ClO ₂
Molecular Weight:	156.57
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Store at room temperature 3 years
	In solvent -80°C 2 years
	-20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 200 mg/mL (1277.38 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		6.3869 mL	31.9346 mL	63.8692 mL
	5 mM		1.2774 mL	6.3869 mL	12.7738 mL
	10 mM		0.6387 mL	3.1935 mL	6.3869 mL

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

BIOLOGICAL ACTIVITY

Description

4-Chlorobenzoic acid, part of the human exposome, can be used to synthesize Bumetanide^[1].

IC₅₀ & Target

Human Endogenous Metabolite

REFERENCES

[1]. Amit Kumar, et al. Degradation of diclofenac and 4-chlorobenzoic acid in aqueous solution by cold atmospheric plasma source. Sci Total Environ. 2023 Mar 15;864:161194.

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

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