



SZABO SCANDIC

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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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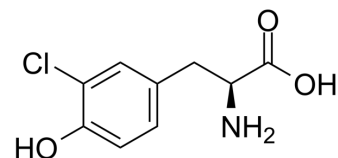
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3-Chloro-L-tyrosine

Cat. No.:	HY-W041171		
CAS No.:	7423-93-0		
Molecular Formula:	C ₉ H ₁₀ ClNO ₃		
Molecular Weight:	215.63		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 5 mg/mL (23.19 mM; ultrasonic and warming and heat to 60°C)
 DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		4.6376 mL	23.1879 mL	46.3757 mL
	5 mM		0.9275 mL	4.6376 mL	9.2751 mL
	10 mM		0.4638 mL	2.3188 mL	4.6376 mL

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

In Vivo

1. Add each solvent one by one: PBS
 Solubility: 6.25 mg/mL (28.98 mM); Clear solution; Need ultrasonic and warming and heat to 60°C

BIOLOGICAL ACTIVITY

Description

3-Chloro-L-tyrosine is a specific marker of myeloperoxidase-catalyzed oxidation, and is markedly elevated in low density lipoprotein isolated from human atherosclerotic intima.

IC₅₀ & Target

Human Endogenous Metabolite

REFERENCES

[1]. Hazen SL, et al. 3-Chlorotyrosine, a specific marker of myeloperoxidase-catalyzed oxidation, is markedly elevated in low density lipoprotein isolated from human atherosclerotic intima. J Clin Invest. 1997 May 1;99(9):2075-81.

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

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