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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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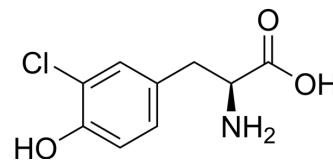
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3-Chloro-L-tyrosine

Cat. No.:	HY-W041171
CAS No.:	7423-93-0
Molecular Formula:	C ₉ H ₁₀ ClNO ₃
Molecular Weight:	215.64
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)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.6374 mL	23.1872 mL	46.3744 mL
	5 mM		0.9275 mL	4.6374 mL	9.2749 mL
	10 mM		0.4637 mL	2.3187 mL	4.6374 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.
IC ₅₀ & 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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