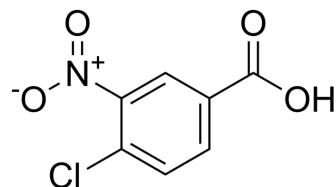


4-Chloro-3-nitrobenzoic acid

Cat. No.:	HY-20559
CAS No.:	96-99-1
Molecular Formula:	C ₇ H ₄ ClNO ₄
Molecular Weight:	201.56
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

4-Chloro-3-nitrobenzoic acid has oral activity, and oral administration can affect the synthesis activity of liver proteins and the activities of urokinase and histidine kinase^{[1][2]}.

REFERENCES

[1]. Thompson AJ, et al. The mechanism of bending in co-crystals of caffeine and 4-chloro-3-nitrobenzoic acid. Nat Commun. 2021 Oct 20;12(1):5983.

[2]. D'eng B, et al. Otsenka gepatotoksicheskogo deystviia nekotorykh khlor- nitroproizvodnykh benzoinoi kisloty [Evaluation of the hepatotoxic activity of several chlor-nitro derivatives of benzoic acid]. Vopr Med Khim. 1983 Nov-Dec;29(6):113-7. Russian.

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

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