



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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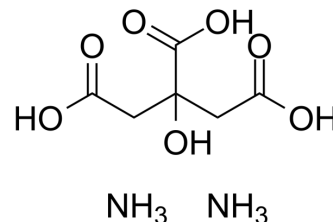
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Ammonium citrate dibasic, 99%

Cat. No.:	HY-B1529
CAS No.:	3012-65-5
Molecular Formula:	C ₆ H ₁₄ N ₂ O ₇
Molecular Weight:	226.18
Target:	Biochemical Assay Reagents; Endogenous Metabolite; Apoptosis
Pathway:	Others; Metabolic Enzyme/Protease; Apoptosis
Storage:	Store at room temperature, keep dry and cool



BIOLOGICAL ACTIVITY

Description

Ammonium citrate dibasic, 99% (Ammonium hydrogencitrate, 99%) can be used as the carbon source to prepare carbon quantum dots (CDs). Ammonium citrate dibasic, 99% is a buffering agent^{[1][2]}.

CUSTOMER VALIDATION

- Food Chem. 2022: 134807.
- New J Chem. 03 Aug 2022.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Zholobak NM, et al. Facile fabrication of luminescent organic dots by thermolysis of citric acid in urea melt, and their use for cell staining and polyelectrolyte microcapsule labelling. *Beilstein J Nanotechnol.* 2016 Dec 2;7:1905-1917.

[2]. Chang Q, et al. Full Color Fluorescent Carbon Quantum Dots Synthesized from Triammonium Citrate for Cell Imaging and White LEDs. *Dyes and Pigments*, 2021, 193(18):109478.

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

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