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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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

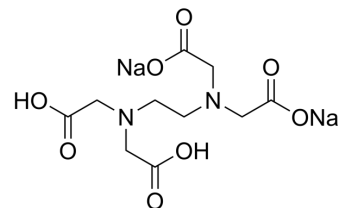
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

EDTA disodium

Cat. No.:	HY-W018746
CAS No.:	139-33-3
Molecular Formula:	C ₁₀ H ₁₄ N ₂ Na ₂ O ₈
Molecular Weight:	336.21
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Store at room temperature 3 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

H₂O : 20 mg/mL (59.49 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.9743 mL	14.8717 mL	29.7433 mL
	5 mM		0.5949 mL	2.9743 mL	5.9487 mL
	10 mM		0.2974 mL	1.4872 mL	2.9743 mL

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

BIOLOGICAL ACTIVITY

Description

EDTA disodium salt, also known as ethylenediaminetetraacetic acid disodium, belongs to the chelating agent category, which is formed by chelating a central metal ion with four carboxylate groups and two amine groups. This compound, with its ability to bind and chelate metal ions such as calcium, magnesium and iron, is commonly used in a variety of applications, including industrial, medical and research settings. It is used as a preservative in food and beverage, as a stabilizer in medicine, as a chelating agent in water treatment, and as a reagent in biochemical and biomedical research. In addition, EDTA disodium salt has been studied for potential research effects such as improving heavy metal poisoning and cardiovascular disease.

In Vitro

EDTA disodium salt is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

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- Adv Sci (Weinh). 2022 Dec 12;e2204998.
 - Int J Biol Macromol. 2022.
 - Biomed Pharmacother. 2019 Jan;109:2427-2433.
 - Colloids Surf B Biointerfaces. 2023 Dec 2, 113680.
 - Molecules. 2024 Jul 30;29(15):3590.

See more customer validations on www.MedChemExpress.com

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA