



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

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

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

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

mail@szabo-scandic.com

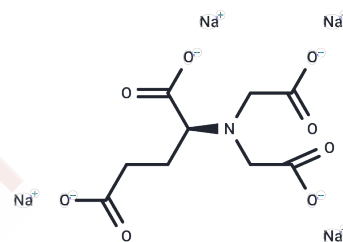
www.szabo-scandic.com

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

Tetrasodium glutamate diacetate

Chemical Properties

CAS No. :	51981-21-6
Formula:	C ₉ H ₉ NNa ₄ O ₈
Molecular Weight:	351.13
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Tetrasodium glutamate diacetate (Glutamate diacetate tetrasodium) is a biodegradable chelating agent that can be used as a dietary ingredient, extracts polyvalent metal ions from waste activated sludge (WAS) flocs, and enhances the production of volatile fatty acids from WAS.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 1 mg/mL (2.82 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8479 mL	14.2397 mL	28.4795 mL
5 mM	0.5696 mL	2.8479 mL	5.6959 mL
10 mM	0.2848 mL	1.424 mL	2.8479 mL
50 mM	0.057 mL	0.2848 mL	0.5696 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Li H, et al. Application of chelate GLDA for remediating Cd-contaminated farmlands using Tagetes patula L. Environ Sci Pollut Res Int. 2023 Jan;30(2):3774-3782.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481