



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 HandelsgmbH

Quellenstraße 110, A-1100 Wien

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

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

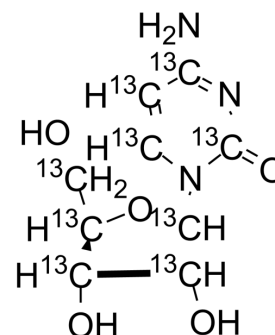
mail@szabo-scandic.com

www.szabo-scandic.com

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

Cytidine-¹³C₉

Cat. No.:	HY-B0158S7
Molecular Formula:	¹³ C ₉ H ₁₃ N ₃ O ₅
Molecular Weight:	252.15
Target:	Nucleoside Antimetabolite/Analog; Endogenous Metabolite; Isotope-Labeled Compounds
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cytidine-¹³C₉ (Cytosine β-D-ribose-¹³C₉; Cytosine-1-β-D-ribofuranoside-¹³C₉) is ¹³C labeled Cytidine (HY-B0158). Cytidine is a pyrimidine nucleoside and acts as a component of RNA. Cytidine is a precursor of uridine. Cytidine controls neuronal-glial glutamate cycling, affecting cerebral phospholipid metabolism, catecholamine synthesis, and mitochondrial function^[1] [2][3].

REFERENCES

- [1]. Jonas DA, et al. Safety considerations of DNA in food. *Ann Nutr Metab.* 2001;45(6):235-54.
- [2]. Wurtman RJ, et al. Effect of oral CDP-choline on plasma choline and uridine levels in humans. *Biochem Pharmacol.* 2000 Oct 1;60(7):989-92.
- [3]. Machado-Vieira R, et al. New therapeutic targets for mood disorders. *ScientificWorldJournal.* 2010 Apr 13;10:713-26.

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