



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

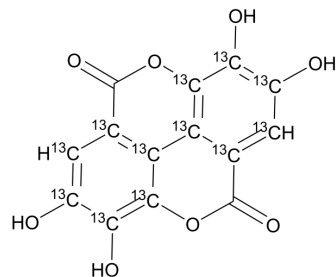
mail@szabo-scandic.com

www.szabo-scandic.com

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

Ellagic acid-¹³C₁₂

Cat. No.:	HY-B0183S
Molecular Formula:	C ₂ ¹³ C ₁₂ H ₆ O ₈
Molecular Weight:	314.1
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ellagic acid-¹³C₁₂ is ¹³C-labeled Ellagic acid (HY-B0183). Ellagic acid is a natural antioxidant and acts as a potent and ATP-competitive inhibitor of CK2 and SHP2, with an IC₅₀ of 40 nM and a K_i of 20 nM^{[1][2]}.

REFERENCES

[1]. [1] Cozza G, et al. Identification of ellagic acid as potent inhibitor of protein kinase CK2: a successful example of a virtual screening application. J Med Chem. 2006 Apr 20;49(8):2363-6.

[2]. Ma CH, et al. Discovery of ellagic acid as a competitive inhibitor of Src homology phosphotyrosyl phosphatase 2 (SHP2) for cancer treatment: In vitro and in silico study. Int J Biol Macromol. 2024 Jan;254(Pt 2):127845.

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