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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G3-CNP

Cat. No.: HY-153102

CAS No.: 118291-90-0

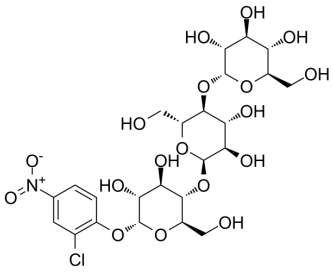
Molecular Formula: $C_{24}H_{34}ClNO_{18}$

Molecular Weight: 659.98

Target: Biochemical Assay Reagents

Pathway: Others

Storage: -20°C, stored under nitrogen, away from moisture
* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H_2O : 125 mg/mL (189.40 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.5152 mL	7.5760 mL	15.1520 mL
	5 mM	0.3030 mL	1.5152 mL	3.0304 mL
	10 mM	0.1515 mL	0.7576 mL	1.5152 mL

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

BIOLOGICAL ACTIVITY

Description

G3-CNP is an α-amylase substrate. The absorbance of G3-CNP cleavage product 2-chloro-4-nitrophenol is measured at 405 nm, which can be used to detect enzyme activity[1].

In Vitro

G3-CNP (50 μL; 10 min) is lysed by α-amylase at 37°C to produce 2-chloro-4-nitrophenol[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ninomiya K, et al. Suppressive Effect of the α-Amylase Inhibitor Albumin from Buckwheat (Fagopyrum esculentum Moench) on Postprandial Hyperglycaemia. Nutrients. 2018 Oct 15;10(10):1503.

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

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