SZABO SCANDIC

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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

PNPP disodium

Cat. No.: HY-15928

CAS No.: 4264-83-9

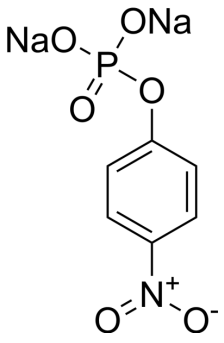
Molecular Formula: $C_6H_4NNa_2O_6P$

Molecular Weight: 263.05

Target: Fluorescent Dye

Pathway: Others

Storage: 4°C, sealed storage, away from moisture and light
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

H_2O : 160 mg/mL (608.25 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	3.8016 mL	19.0078 mL	38.0156 mL
	5 mM	0.7603 mL	3.8016 mL	7.6031 mL
	10 mM	0.3802 mL	1.9008 mL	3.8016 mL

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

In Vivo

1. Add each solvent one by one: PBS
Solubility: 100 mg/mL (380.16 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

PNPP (Para-nitrophenyl phosphate) disodium is a non-proteinaceous chromogenic substrate for alkaline and acid phosphatases used in ELISA and conventional spectrophotometric assays.

In Vitro

Phosphatases catalyze the hydrolysis of PNPP liberating inorganic phosphate and the conjugate base of para-nitrophenol (pNP). The resulting phenolate is yellow, with a maximal absorption at 405 nm[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Am J Physiol Cell Physiol. 2019 Dec 1;317(6):C1115-C1127.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Crowther JR, et al. Evaluation of the use of chromogenic and fluorogenic substrates in solid-phase enzyme linked immunosorbent assays (ELISA). Biologicals. 1990 Oct;18(4):331-6.

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