



# 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](mailto:mail@szabo-scandic.com)

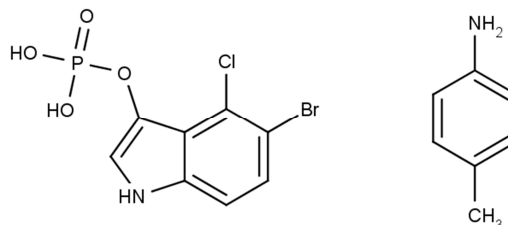
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## BCIP, p-toluidine salt

**Catalog No:** 02291  
**Lot No:** XXXXX  
**Cas No:** 6578-06-9  
**Formula:** C<sub>8</sub>H<sub>6</sub>BrClNO<sub>4</sub>P · C<sub>7</sub>H<sub>9</sub>N  
**MW:** 433.64  
**Supplied as:** solid  
**Stability:** store at -20°C, protect from light



### Background

5-Bromo-4-chloro-3-indolyl phosphate (BCIP, X-phosphate, XP) is an artificial chromogenic substrate used for the sensitive colorimetric detection of alkaline phosphatase activity. Alkaline phosphatase hydrolyses BCIP to 5-bromo-4-chloro-3-indole and inorganic phosphate. BCIP is oxidized by atmospheric oxygen to form the blue dye 5,5'-dibromo-4,4'-dichloro-indigo. It is also oxidized by nitroblue tetrazolium (NBT), which forms an insoluble dark blue diformazan precipitate after reduction.

### Tests

**Appearance:**  
**Assay (HPLC):**  
**λ<sub>max</sub> (Buffer pH 7.0):**  
**Water (K.F.):**

### Specifications

white to yellowish powder  
≥98%  
286 – 294 nm  
≤1%

### Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.