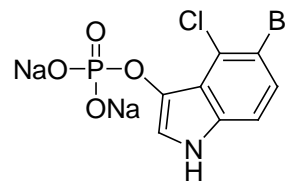


PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: **BCIP, Na** (5-bromo-4-chloro-3-indoxyl phosphate, disodium salt)**CATALOG NUMBER:** **10001/10001-1/10001-2****MOLECULAR INFORMATION:** C₈H₄BrClNNa₂O₄P
Mwt: 370.5
[102185-33-1]**PROPERTIES:**

Color & Form	White solid
Purity	≥ 95% by TLC
Solubility	Soluble in water

STORAGE AND HANDLING:

Stored desiccated at ≤ 4 °C upon receipt. Protect from light, especially when in solution.

APPLICATION:

BCIP is the most widely used chromogenic phosphatase substrate, which forms a dark blue precipitate on enzymatic hydrolysis. It is often used with the oxidant NBT (nitro blue tetrazolium chloride) (**10008**), which facilitates the precipitation. For your convenience, we offer a BCIP/NBT Kit (**10003**) that contains both reagents with a price lower than the combined prices of the components. Please also see our BCIP derivatives that yield red (**10004**) and pink (**10006**) precipitates.

Ref: *Biotechniques* **12**, 656(1992); *Histochemistry* **58**, 203(1978)**TOXICITY:**

Unknown

FIRST AID:

Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

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