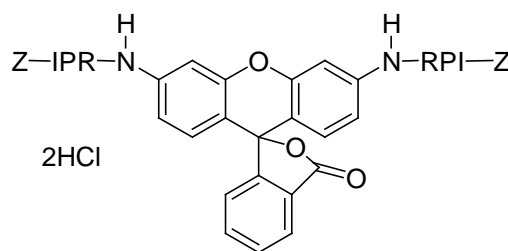


PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: Rhodamine 110, bis-(N-CBZ-L-isoleucyl-L-prolyl-L-arginine amide), dihydrochloride (BZiPAR)

CATALOG #: 10208

MOLECULAR INFORMATION: C₇₀H₈₈Cl₂N₁₄O₁₃
MW: 1404.5

**PROPERTIES:**

Color & Form Brown solid
Purity ≥ 90% by HPLC
Solubility Soluble in DMSO
Absorption/Emission 496 nm/520 nm (strong fluorescence)
(end product R110)

STORAGE AND HANDLING: Store desiccated at ≤ 4 °C. Protect from light.

APPLICATION: BZiPAR is a substrate for trypsin.^{1,2} The substrate has been reported to enter live cells and be hydrolyzed by lysosomal proteases.³

Ref.: 1) *Proc Natl Acad Sci U S A* **97**, 13126(2000); 2) *Biochim Biophys Acta* **788**, 74(1984); 3) *Photochem Photobiol* **44**, 461(1986)

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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