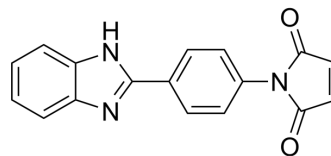


N-[4-(2-Benzimidazolyl)phenyl]maleimide

Cat. No.:	HY-W278706
CAS No.:	27030-97-3
Molecular Formula:	C ₁₇ H ₁₁ N ₃ O ₂
Molecular Weight:	289.29
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N-[4-(2-Benzimidazolyl)phenyl]maleimide is a potent fluorescent probe with excitation maximum of 315 nm and emission maximum of 360 nm. N-[4-(2-Benzimidazolyl)phenyl]maleimide can be used for fluorometry of thiol compounds^[1].

REFERENCES

[1]. Tanaka F, et, al. Determination of cysteine concentration by fluorescence increase: reaction of cysteine with a fluorogenic aldehyde. Chem Commun (Camb). 2004 Aug 7;(15):1762-3.

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

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