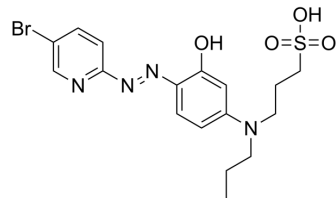


5-Br-PAPS

Cat. No.:	HY-D1894
CAS No.:	81608-06-2
Molecular Formula:	C ₁₇ H ₂₁ BrN ₄ O ₄ S
Molecular Weight:	457.34
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5-Br-PAPS is a highly specific Zn²⁺ metallochromic indicator. 5-Br-PAPS is used in assays for measuring free Zn²⁺ by forming a deeply colored red Zn²⁺ complex^[1].

REFERENCES

[1]. Szobi A, et al. Vivid COVID-19 LAMP is an ultrasensitive, quadruplexed test using LNA-modified primers and a zinc ion and 5-Br-PAPS colorimetric detection system. *Commun Biol.* 2023 Mar 2;6(1):233.

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

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