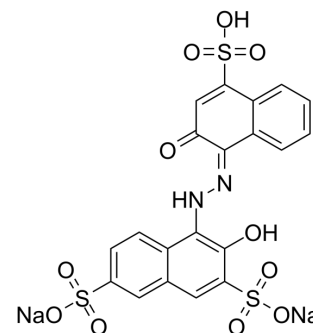


Hydroxy naphthol blue disodium

Cat. No.:	HY-W151206
CAS No.:	165660-27-5
Molecular Formula:	C ₂₀ H ₁₂ N ₂ Na ₂ O ₁₁ S ₃
Molecular Weight:	598.49
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Hydroxy naphthol blue disodium, an azo dye, is a metal indicator for calcium and a colorimetric reagent for alkaline earth metal ions ($\lambda_{\max} = 650 \text{ nm}$). In the pH range between 12 and 13, the solution of the indicator is reddish pink in the presence of calcium ion and to deep blue in the presence of disodium EDTA^[1].

REFERENCES

[1]. Motoki Goto, et al. Colorimetric detection of loop-mediated isothermal amplification reaction by using hydroxy naphthol blue. *Biotechniques*. 2009 Mar;46(3):167-72.

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

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