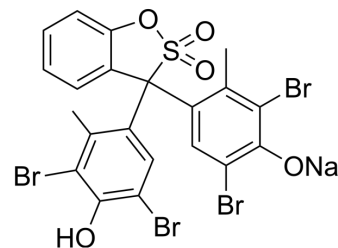


Bromocresol green sodium

Cat. No.:	HY-D0009
CAS No.:	62625-32-5
Molecular Formula:	C ₂₁ H ₁₃ Br ₄ NaO ₅ S
Molecular Weight:	720
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Bromocresol green sodium is an anionic dye. Bromocresol green sodium can be used for pH indication and DNA agarose gel electrophoresis. Bromocresol green sodium is also used in mammalian albumin measurement. Bromocresol green sodium deprotonates and produces the monoanionic form of yellow colour at lower pH (acidic condition), and produces dianionic blue colour at the basic condition^[1].

REFERENCES

[1]. Mohaiminul Islam, et al. Influences of alcohol and diol on the aggregation behaviour, modes of interaction and the thermodynamic properties of the mixture of bromocresol green dye and sodium dodecyl sulphate at numerous temperatures. *Molecular Physics*. Volume 119, 2021 - Issue 12.

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

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