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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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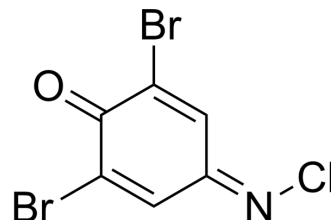
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2,6-Dibromo-4-(chloroimino)cyclohexa-2,5-dienone

Cat. No.:	HY-W011422
CAS No.:	537-45-1
Molecular Formula:	C ₆ H ₂ Br ₂ ClNO
Molecular Weight:	299.35
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

2,6-Dibromo-4-(chloroimino)cyclohexa-2,5-dienone (NSC 528) is a colorimetric dye used for the detection of phenolic compounds. 2,6-Dibromo-4-(chloroimino)cyclohexa-2,5-dienone reacts with phenolic compounds at a pH of about 9.4 to produce an indigo dye. 2,6-Dibromo-4-(chloroimino)cyclohexa-2,5-dienone has been used as a Gibbs reagent for the colorimetric detection of phenolic compounds. 2,6-Dibromo-4-(chloroimino)cyclohexa-2,5-dienone has also been used in a colorimetric reaction for the quantitative colorimetric detection of aflatoxins, turning the colorless aflatoxins green with an absorption band at 673 nm.

REFERENCES

[1]. Ettinger, et al. Determination of phenol and structurally related compounds by Gibbs method. Anal. Chem. 20(12), 1191-1196 (1948).

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

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