

## 2,6-Dibromoquinone-4-chloroimide Biochemical

2,6-Dibromoquinone-4-chloroimide

CATALOG #  
**AAA227036**

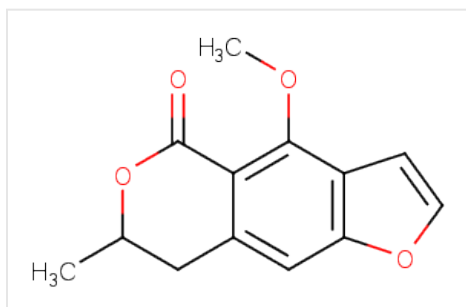
### PRODUCT SYNONYMS

2; 6-Dibromoquinone-4-chloroimide; 6-Dibromoquinone-4-chloroimide biochemical

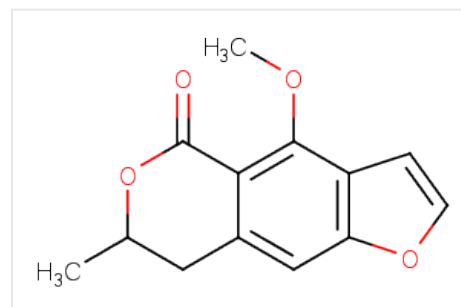
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                               |
| SMILES                  | <chem>C1N=C1C=C(Br)C(=O)C(Br)=C1</chem>                                                                                                                           |
| Formula                 | C <sub>6</sub> H <sub>2</sub> Br <sub>2</sub> ClNO                                                                                                                |
| CAS                     | 537-45-1                                                                                                                                                          |
| Solubility              | DMF:PBS (pH 7.21:7): 0.12 mg/mL<br><br>DMSO: 25 mg/mL<br><br>DMF: 30 mg/mL<br><br>Ethanol: 1 mg/mL<br><1mg/ml refers to the product slightly soluble or insoluble |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                          |

### IMAGES



Structure  
Dihydrocoriandrin, CAS 116383-99-4



Structure  
Dihydrocoriandrin, CAS 116383-99-4

### ADDITIONAL INFORMATION

#### Related Product Information for 2,6-Dibromoquinone-4-chloroimide biochemical

2,6-Dibromoquinone-4-chloroimide is a colorimetric dye for the detection of phenolic compounds. It produces an indigo dye upon reacting with phenolic compounds at a pH of approximately 9.4. 2,6-Dibromoquinone-4-chloroimide has been used as a Gibbs reagent for the colorimetric detection of phenolic compounds. It has also been used in chromogenic reactions for the quantitative colorimetric detection of aflatoxins, causing colorless aflatoxins to become green with an absorption band at 673 nm.

NCBI AND UNIPROT INFORMATION

|                  |         |
|------------------|---------|
| Molecular Weight | 232.235 |
|------------------|---------|

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/biochemical/26-dibromoquinone-4-chloroimide/227036>