PRODUCT: Diphenyleneiodonium chloride

ALTERNATE NAME: Dibenzoiodolium chloride; DPI Chloride

CATALOG #: 2358-5

AMOUNT: 5 mg

STRUCTURE:

![Structure](image)

MOLECULAR FORMULA: C_{12}H_8I · Cl

MOLECULAR WEIGHT: 314.55

CAS NUMBER: 4673-26-1

APPEARANCE: White solid

SOLUBILITY: DMSO (warming, 5 mg/ml) or EtOH (0.2 mg/ml)

PURITY: ≥98%

STORAGE: At -20°C. Protect from light and moisture

DESCRIPTION: An irreversible inhibitor of iNOS and eNOS with IC_{50} values of 50 nM and 0.3 µM, respectively. Also inhibits other flavoenzymes such as neutrophil NADPH oxidase.


RELATED PRODUCTS:
- 1400W hydrochloride (Cat. No. 2055-5, 25)
- BEC (Cat. No. 2359-1, 5)
- eNOS Antibody (Cat. No. 3426R-100)
- L-NAME hydrochloride (Cat. No. 2356-100, 500, 1000)
- L-NMMA acetate (Cat. No. 2348-5, 25, 100)
- Nitric Oxide Colorimetric Assay Kit (Cat. No. K262-200)
- Nitric Oxide Fluorometric Assay Kit (Cat. No. K252-20)
- Nitroindazole (Cat. No. 2360-50, 250)
- 3-Bromo-7-Nitroindazole (Cat. No. 2361-10, 50)
- ODQ (Cat. No. 2501-10, 50)

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

USAGE: FOR RESEARCH CH USE ONLY! Not to be used in humans