

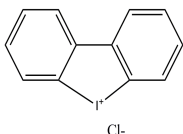
PRODUCT: Diphenyleneiodonium chloride

ALTERNATE NAME: Dibenziodolum chloride; DPI Chloride

CATALOG #: 2358-5

AMOUNT: 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₂H₈I · 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 IC₅₀ values of 50 nM and 0.3 μM, respectively. Also inhibits other flavoenzymes such as neutrophil NADPH oxidase.

REFERENCE: Stuehr, D.J., *et al.* (1991). *FASEB J.* **5**, 98-103.

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

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**)

7-Nitroindazole (**Cat. No. 2360-50, 250**)

3-Bromo-7-Nitroindazole (**Cat. No. 2361-10, 50**)

ODQ (**Cat. No. 2501-10, 50**)

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