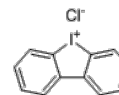


**Product Name** : Diphenyleneiodonium chloride  
**Cat. No.** : PC-72722  
**CAS No.** : 4673-26-1  
**Molecular Formula** : C<sub>12</sub>H<sub>8</sub>ClI  
**Molecular Weight** : 314.55  
**Target** : NADPH Oxidase (NOX)  
**Solubility** :



## Biological Activity

Diphenyleneiodonium chloride (DPI) is an inhibitor of NADPH oxidase and potent, irreversible iNOS/eNOS inhibitor, also is an agonist of GPR3 (EC<sub>50</sub>=1 μM) with weak or no cross-reactivity with other GPCRs.

## References

Chenli Ye, et al. J Pharmacol Exp Ther. 2014 Jun;349(3):437-43.

Ma W, et al. Nat Commun. 2022 Jan 26;13(1):529.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com