

Product Name	: Diphenyleneiodonium chloride
Synonyms	: DPI
Cat No.	: M20682
CAS Number	: 4673-26-1
Molecular Formula	: C ₁₂ H ₈ Cl ₂
Formula Weight	: 314.55
Chemical Name	: Dibenziodolium chloride
Description	: Diphenyleneiodonium chloride(DPI) is an irreversible inhibitor of iNOS and eNOS (IC ₅₀ values of 50 nM and 0.3 μM respectively)and displays broad-spectrum bactericidal activity.
Pathway	: Immunology/Inflammation
Target	: NOS
Receptor	: NOS
Solubility	: DMSO:6 mg/mL (19.07 mM)
SMILES	: [Cl-].[H+]1c2ccccc2-c2ccccc12
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Singh A K Thakare R Karaulia P et al. Biological evaluation of diphenyleneiodonium chloride (DPIC) as a potential drug candidate for treatment of non-tuberculous mycobacterial infections[J]. Journal of Antimicrobial Chemotherapy 2017.