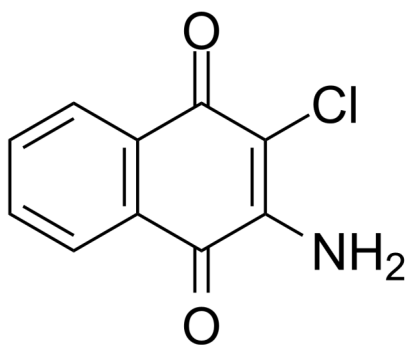


## Data Sheet

### Product Information

Catalog Number	BP17742
Product Name	Quinoclamine
Description	Quinoclamine is a naphthoquinone derivative and is an NF- $\kappa$ B inhibitor.
In vitro	Quinoclamine induces the differentiation of U-937 cells into macrophage-like cells. Quinoclamine inhibits NF- $\kappa$ B activities in HepG2 cells (IC <sub>50</sub> : 1.7 $\mu$ M). Quinoclamine inhibits induced NF- $\kappa$ B activities in lung and breast cancer cell lines. Quinoclamine affects the expression levels of genes involved in cell cycle or apoptosis. Quinoclamine down-regulates the expressions of UDP glucuronosyltransferase genes involved in phase II drug metabolism. Quinoclamine (1-4 $\mu$ M; 30 minutes ) inhibits endogenous NF- $\kappa$ B activity in HepG2 cells through the inhibition of I $\kappa$ B- $\alpha$ phosphorylation and p65 translocation .
CAS No.	2797-51-5
Chemical Formula	C <sub>10</sub> H <sub>6</sub> ClNO <sub>2</sub>
Molecular Weight	207.61
Solubility	DMSO: 250 mg/mL (1204.18 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure  
OR  
Tested Image



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