

DMNQ, Induces generation of ROS

Catalog	Unit
TBI4523-5MG	5 mg
TBI4523-25MG	25 mg

Product Details

Formal Name: 2,3-Dimethoxy-1,4-naphthoquinone

Molecular Formula: C₁₂H₁₀O₄

Formula Weight: 218.21

CAS Number: 6956-96-3

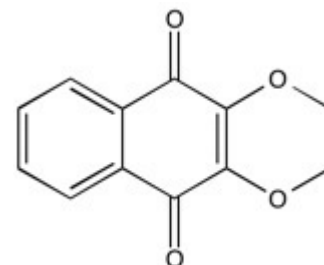
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 10 mg/ml) or in Ethanol (up to 5 mg/ml).

Storage: -20°C

Stability: ≥ 1 year.



Applications

Induces generation of ROS

Functions

DMNQ is a non-alkylating redox cycling quinone. A useful tool for studying reactive oxidant species and oxidative stress. Cellular effects are dependent on concentration and cell type.

Application Procedures

First dissolved in DMSO (up to 10 mg/ml) or in Ethanol (up to 5 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

For research use only.