

## HQNO, NADH oxidase inhibitor

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Catalog	Unit
TBI1444-5MG	5 mg
TBI1444-25MG	25 mg

### Product Details

**Formal Name:** 2-n-Heptyl-4-hydroxyquinoline N-oxide

**Molecular Formula:** C<sub>16</sub>H<sub>21</sub>NO<sub>2</sub>

**Formula Weight:** 259.25

**CAS Number:** 341-88-8

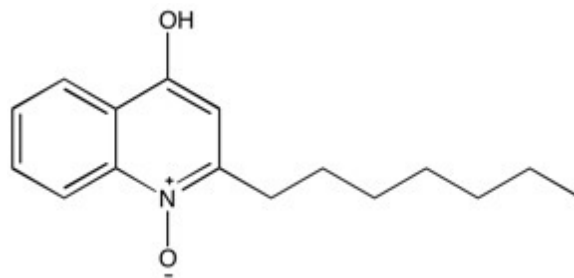
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 8 mg/ml with warming), or in Ethanol (up to 13 mg/ml with warming).

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

NADH oxidase inhibitor

### Functions

Naturally occurring antagonist of dihydrostreptomycin. Potent inhibitor of the respiratory chain binding to the mitochondrial cytochrome b protein. Inhibits NADH oxidase (NADH) and Na<sup>+</sup>-dependent NADH-quinone reductase (NQR).

### Application Procedures

First dissolved in DMSO (up to 8 mg/ml with warming), or in Ethanol (up to 13 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 1 month.

**For research use only.**