

# DPBQ

**Catalog No: tcsc0035391**



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 25mg



## Specifications

**CAS No:**

7029-89-2

**Formula:**

$C_{24}H_{14}N_2O_2$

**Pathway:**

Apoptosis

**Target:**

MDM-2/p53

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

362.38

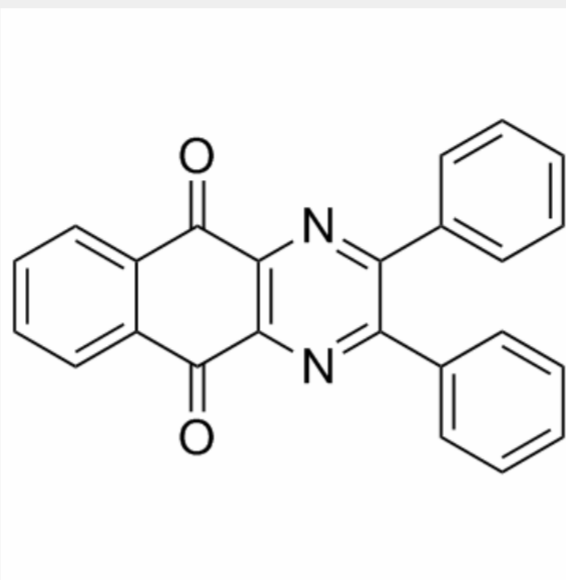
## Product Description

DPBQ is a **p53** activator.

IC50 & Target: p53<sup>[1]</sup>

**In Vitro:**

DPBQ elicits apoptosis and cell death and is selective for effects in 4N cells. DPBQ elicits expression and phosphorylation of p53 and this effect is specific to tetraploid cells. Knockdown of TP53 restores proliferation of tetraploid cells in the presence of DPBQ<sup>[1]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!