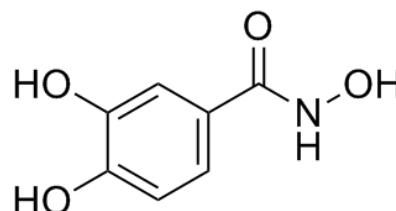


Product Name : Didox
Cat. No. : PC-45630
CAS No. : 69839-83-4
Molecular Formula : C₇H₇NO₄
Molecular Weight : 169.1348
Target : NF-κB
Solubility : 10 mM in DMSO



Biological Activity

A ribonucleotide reductase inhibitor; overcomes Bcl-2 mediated radiation resistance in PC-3 cells; induces apoptosis and inhibits DNA repair in multiple myeloma cells by downregulation of bcl family proteins including bcl-2, bcl(xl), and XIAP; (150 mg/kg daily) significantly protects the cardiomyocyte membrane integrity and decreases the intra-cardiac oxidative stress induced by DOX treatment (15 mg/kg) in mice.

References

- Inayat MS, et al. Cancer Biol Ther. 2002 Sep-Oct;1(5):539-45.
Raje N, et al. Br J Haematol. 2006 Oct;135(1):52-61.
Al-Abd AM, et al. Eur J Pharmacol. 2013 Oct 15;718(1-3):361-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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