DMNQ

PRODUCT OVERVIEW

Product Name	DMNQ, Biochemical
Full Product Name	DMNQ
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack
Molecular Weight	218.2
Target	ROS
Receptor	ROS
Chemical Name	23-Dimethoxynaphthalene-14-dione
SMILES	COC1=C(OC)C(=O)c2ccccc2C1=O
Molecular Formula	C12H10O4
CAS Number	6956-96-3
Product Categories/Family for DMNQ biochemical	Immunology/Inflammation
Related Product Information for DMNQ biochemical	DMNQ is a 14-naphthoquinone that acts as a redox-cycling agent typically increasing intracellular superoxide and hydrogen peroxide formation.DMNQ increases ROS generation
Product References and Citations for DMNQ biochemical	1.The Bioenergetic Health Index is a sensitive measure of oxidative stress in human monocytes [J]. Redox Biology 2016 8:43-50.
Other Notes	Small volumes of DMNQ biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DMNQ purchase	MBS3610272 is a biochemical targeting DMNQ.

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Online datasheet: https://www.mybiosource.com/biochemical/dmnq/3610272