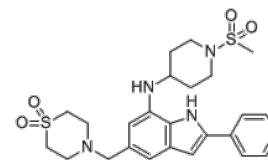


Product Name : NecroX-7
Cat. No. : PC-62586
CAS No. : 1120333-38-1
Molecular Formula : C₂₄H₂₉N₃O₃S
Molecular Weight : 439.574
Target : Apoptosis Inducer
Solubility :



Biological Activity

NecroX-7 is a small molecule **necrosis modulator** and potent antioxidant molecule, which can be bound to some types of radicals and especially NAPQI; inhibits osteoclast differentiation by suppressing NF-κB activity and c-Fos expression, reduces hepatic necrosis secondary to IR injury in vivo; decreases t-BHP- and APAP-induced cell death and ROS/RNS formation in HepG2 human hepatocarcinoma and primary mouse hepatocytes, also protects mice from APAP-induced liver injury and lethality by binding directly to NAPQI.

References

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Grootaert MO, et al. *Atherosclerosis.* 2016 Sep;252:166-74.
Lee DW, et al. *Am J Physiol Heart Circ Physiol.* 2011 Sep;301(3):H1004-14.
Park JH, et al. *Antioxid Redox Signal.* 2013 May 10;18(14):1713-22.

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

E-mail: tech@probechem.com