Necrox-5™ . methanesulfonate

Necrosis inhibitor

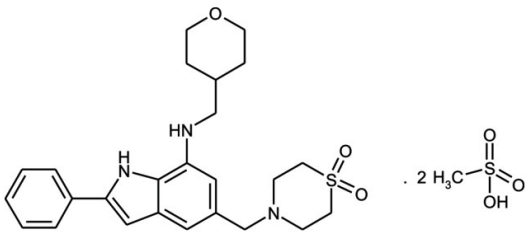
Cell permeable necrosis inhibitor with antioxidant activity. It localizes mostly in the mitochondria. Selectively blocks oxidative stress-induced necrotic cell death (0.1µM NecroX™-5 prevented ~50% cell death in H9C2 cells exposed to 400µM t-BuOOH for 2 hours LDH assay used). Does not protect against staurosporine or etoposide-induced apoptosis. Protects cells against cold shock, hypoxia and oxidative stress *in vitro*, as well as CCl_4 -induced acute liver injury and chronic liver fibrosis in rodent models.

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ALX-430-167-M001	1mg
ALX-430-167-M005	5mg

Manuals, SDS & CofA View Online »



Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light and keep under inert gas.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	[5-(1,1-Dioxo-thiomorpholin-4-ylmethyl)-2-phenyl-1H-indol-7-yl]-(tetrahydro-pyran-4-ylmethyl)-amine
Appearance	Off-white to light pink solid.
Formula	$C_{25}H_{31}N_3O_3S$. 2 CH_4O_3S
MW	645.8
Purity	≥95% (HPLC)
Solubility	Soluble in DMSO.

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