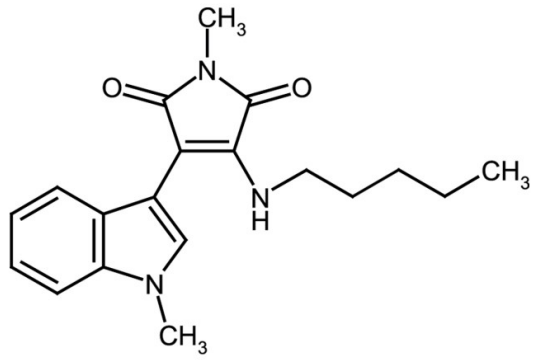
IM-54

Necrosis inhibitor

Cell permeable inhibitor of necrosis. Selectively blocks oxidative stress-induced necrotic cell death (~3μM IM-54 prevented ~50% cell death in HL60 cells exposed to 100μM H_2O_2). Does not protect against etoposide-induced apoptosis or display antioxidant properties. Does not affect S6K1 and PKC kinase activities at concentrations of 50μM.

Citations: 3 View Online »

Manuals, SDS & CofA View Online »


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Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2-(1H-Indol-3-yl)-3-pentylamino-maleimide
Appearance	Yellow powder.
CAS	861891-50-1
Formula	$C_{19}H_{23}N_3O_2$
Identity	Determined by NMR.
MW	325.4
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (100mg/ml), dichloromethane, 100% ethanol or methanol (10mg/ml).

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