NU1025

PARP-1 inhibitor

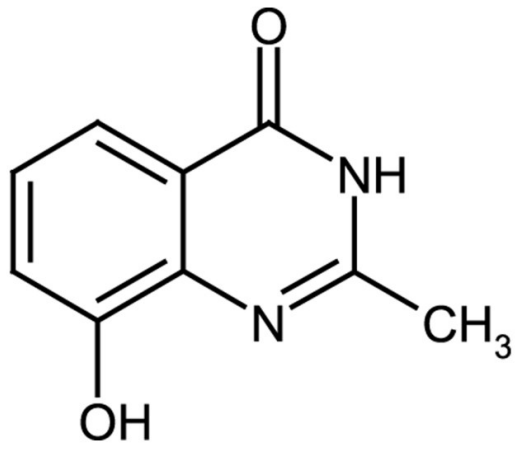
A potent poly(ADP-ribose) polymerase 1 (PARP-1) inhibitor (IC_{50}=400nM) that potentiates the cytotoxicity of various DNA-active agents, including the DNA-methylating compound MTIC, the DNA strand break-inducing drug temozolomide (Prod. No. ALX-420-044), topotecan (Prod. No. ALX-350-133), bleomycin (Prod. No. BML-AP302), and ionizing radiation effective in murine L1210 leukemia cells, CHO, and in a variety of human tumor cell lines.

Citations: 11 View Online »

Ordering Information Order Online »

ALX-270-370-M005	5mg
ALX-270-370-M025	25mg

Manuals, SDS & CofA View Online »

O NH N CH3 OH	

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light. Packaged under inert gas. After reconstitution, prepare aliquots and store at -20°C.
Short Term Storage	-20°C
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	8-Hydroxy-2-methylquinazoline-4-one
Appearance	Off-white to purple solid.
CAS	90417-38-2
Couple Target	PARP
Couple Type	Inhibitor
Formula	$C_9H_8N_2O_2$
MW	176.2
Purity	≥98% (HPLC)
Reconstitution	Reconstitute with DMSO.
Solubility	Soluble in DMSO (25mg/ml). This solution can be further diluted 1:100 in tissue culture medium before use.

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