ICRF-193

Topoisomerase inhibitor

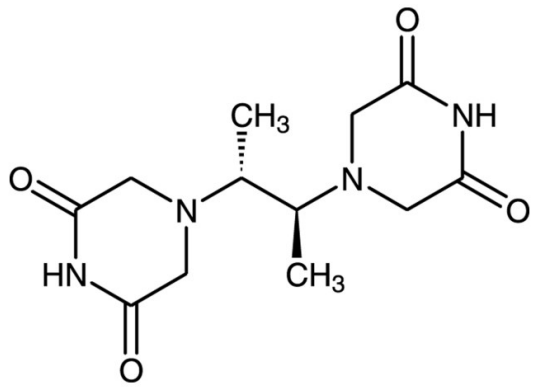
A topoisomerase II inhibitor that does not cause DNA damage. Induces apoptosis in several cell lines including K562 and Molt-4 cells. Induces a G2 checkpoint that is associated with an ATR-dependent inhibition of polo-like kinase 1 (plk1) activity and a decrease in cyclin B1 phosphorylation.

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BML-GR332-0001	1mg
BML-GR332-0005	5mg

Manuals, SDS & CofA View Online »


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NH
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Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Meso-4,4′-(3,2-butanediyl)-bis(2,6-piperazinedione)
Appearance	Off-white to pale yellow solid.
CAS	21416-88-6
Couple Target	Topoisomerase
Couple Type	Inhibitor
Formula	$C_{12}H_{18}N_4O_4$
MW	282.3
Purity	≥95% (HPLC)
Solubility	Soluble in DMSO (4mg/ml).

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