Mitomycin C

DNA synthesis inhibitor

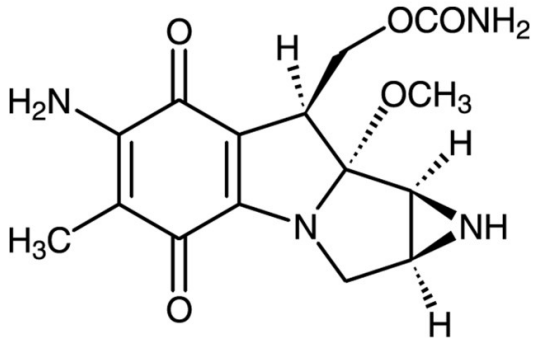
Antitumor antibiotic. DNA crosslinking and damaging agent. Inhibitor of DNA synthesis, nuclear division and cancer cells. DNA intercalating agent. Induces apoptosis in a variety of cells via a p53-dependent pathway.

Citations: 28 View Online »

Ordering Information Order Online »

BML-GR311-0002	2mg
BML-GR311-0010	10mg

Manuals, SDS & CofA View Online »


O
H
OCONH2
H2N
OCH3
H
H3C
N
NH
O
H

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored at -20°C. Stock solutions in water or ethanol are stable for up to 1 week at -20°C. Stock solutions in DMSO are stable for up to 1 month at -20°C.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Blue-violet solid.
CAS	50-07-7
Couple Target	DNA
Couple Type	Ligand
Formula	$C_{15}H_{18}N_4O_5$
MI	**14:** 6215
MW	334.3
Purity	≥95% (HPLC)
RTECS	CN0700000
Solubility	Soluble in water (1mg/ml, warm), 100% ethanol (1mg/ml, warm), DMSO (15mg/ml) or methanol.
Technical Info / Product Notes	Note: Product is not sterile.

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