KU55933

Potent and selective ATP-competitive inhibitor of ATM

KU55933 is a potent and selective ATP-competitive inhibitor of ATM, with an IC_{50} of 13 nmol/l and a K_i of 2.2 nmol/l. KU55933 has potential for use as a new radio- and chemo-sensitizing agent for the treatment of cancer.

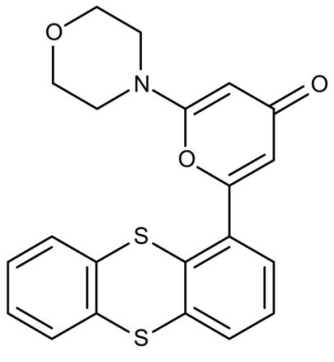
Ordering Information

Order Online »

ENZ-CHM150-0010	10mg

Manuals, SDS & CofA

View Online »


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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	ATM kinase inhibitor, 2-Morpholino-6-(thianthren-1-yl)-4H-pyran-4-one
Appearance	Beige powder.
CAS	587871-26-9
Couple Target	ATM
Couple Type	Inhibitor
Formula	$C_{21}H_{17}NO_3S_2$
Identity	Determined by EM-MS, NMR
MW	395.5
Purity	≥99% (HPLC)
Solubility	Soluble in DMSO (50 mg/ml) or ethanol (

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