

KU-60019

Cat. # F8120, F8121

Also Known as:	2-((2S,6R)-2,6-dimethylmorpholino)-N-(5-(6-morpholino-4-oxo-4H-pyran-2-yl)-9H-thioxanthen-2-yl)acetamide
Formula:	C ₃₀ H ₃₃ N ₃ O ₅ S
MW:	547.67 Da
CAS No.:	925701-49-1
Source:	Synthetic
Form:	Lyophilized powder
Solubility:	10 mg/ml in DMSO
Concentration:	N/A
Quality Assurance:	>98% by HPLC and NMR
Description:	KU-60019 is a potent ATM kinase inhibitor (IC ₅₀ = 6.3 nM) in cell-free assays. Exhibits little to no nonspecific target effects against a panel of 229 protein kinases, including ATR and DNA-PKcs. It is a highly effective radiosensitizer.
Storage:	Eligible for room temperature shipping. Store at -80°C upon receiving; avoid multiple freeze-thaw cycles after dissolving in DMSO.
Note:	Briefly spin the tube before removing the cap.
Literature:	Golding SE, <i>et al.</i> (2009) Mol Cancer Ther, 8(10), 2894-2902.

