

AZD6738

Cat. # F8140, F8141

Also Known as:	4-[4-[1-[[S(R)]-S-methylsulfonimidoyl]cyclopropyl]-6-[(3R)-3-methyl-4-morpholinyl]-2-pyrimidinyl]-1H-pyrrolo[2,3-b]pyridine
Formula:	C ₂₀ H ₂₄ N ₆ O ₂ S
MW:	412.51 Da
CAS No.:	1352226-88-0
Source:	Synthetic
Form:	Lyophilized powder
Solubility:	20 mg/ml in DMSO
Concentration:	N/A
Quality Assurance:	>98% by HPLC and NMR
Description:	AZD6738 is a potent inhibitor of ATR kinase. It potentiates the cytotoxicity of cisplatin and gemcitabine in non-small cell lung cancer (NSCLC) cell lines with intact ATM kinase signaling, and potently synergizes with cisplatin in ATM-deficient NSCLC cells.
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:	Vendetti FP, <i>et al</i> . (2015) Oncotarget. Oct 27.

