

Product Name	: AZ-32
Synonyms	: —
Cat No.	: M22388
CAS Number	: 2288709-96-4
Molecular Formula	: C ₂₀ H ₁₆ N ₄ O
Formula Weight	: 328.37
Chemical Name	: —
Description	: AZ32 is an orally bioavailable and blood-brain barrier-penetrating inhibitor of ATM(IC ₅₀ of <6.2 nM and 0.31 μM for ATM enzyme and in cell)
Pathway	: Cell Cycle/DNA Damage
Target	: ATM/ATR
Receptor	: ATM
Solubility	: DMSO:150 mg/mL?(456.80 mM)
SMILES	: <chem>CNC(=O)c1ccc(cc1)c2cnc3cnc(c23)c4ccccc4</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Karlin J, et al. Orally Bioavailable and Blood-Brain Barrier-Penetrating ATM Inhibitor (AZ32) Radiosensitizes Intracranial Gliomas in Mice. Mol Cancer Ther. 2018 Aug;17(8):1637-1647.