

# TargetMọi

Chemical Properties
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CN1C=CC2=C1C(=C3C=CC=CC=C3C=C2)C(=C4C=CC=CC=C4)C=C/C=C/C5=CC6=C(C=C5)N(C)CC6

Description	BKN-1, a bifunctional ligand, facilitates the tracking of mtG4s (G-quadruplexes, four-stranded DNA structures containing Hoogsteen bonds) formation via far-red emission and can induce mitochondrial dysfunction. This compound exhibits anti-tumor properties, potentially causing mtDNA loss, damaging mitochondrial integrity, reducing ATP levels, and triggering ROS imbalance, which can lead to apoptosis and autophagy [1].
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	1mg	5mg	10mg
1 mM	1.797 mL	8.985 mL	17.9701 mL
5 mM	0.3594 mL	1.797 mL	3.594 mL
10 mM	0.1797 mL	0.8985 mL	1.797 mL
50 mM	0.0359 mL	0.1797 mL	0.3594 mL

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