

## Product Datasheet

### BOLD-100 free base (orb1744839)

<b>Description</b>	BOLD-100 free base (NKP-1339; IT-139), a ruthenium-based anticancer agent, inhibits stress-induced GRP78 upregulation, thus disrupting endoplasmic reticulum (ER) homeostasis. This action induces ER stress and unfolded protein response (UPR), interfering with the intricate relationship between ER-stress response, lysosome dynamics, and autophagy execution.
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Formula</b>	$C_{14}H_{12}Cl_4N_4Ru$
<b>Purity</b>	98.00%
<b>MW</b>	479.15
<b>CAS Number</b>	783324-98-1
<b>SMILES</b>	<chem>[Cl-][Ru+4]([Cl-])([Cl-])([Cl-])([N]1=CC=2C=CC=CC2N1)[N]3=CC=4C=CC=CC4N3</chem>
<b>Expiration Date</b>	12 months from date of receipt.

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