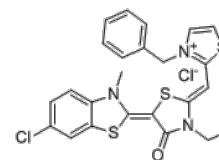


Product Name : JG-98
Cat. No. : PC-62492
CAS No. : 1456551-16-8
Molecular Formula : C₂₄H₂₁Cl₂N₃OS₃
Molecular Weight : 534.532
Target : Heat Shock Protein (HSP)
Solubility : 10 mM in DMSO



Biological Activity

JG-98 is an allosteric **Hsp70** inhibitor, displays >3-fold more active, greater stability than MKT-077 against the breast cancer cell lines MDA-MB-231 and MCF-7 (EC₅₀ of 0.4 uM and 0.7 uM, respectively).

JG-98 strongly affects autophagic flux, increases p62 oligomerization and reduces p62 monomer.

JG-98 destabilizes FoxM1 and relieved suppression of downstream effectors, including p21 and p27.

References

Li X. et al. *ACS Med Chem Lett.* 2013 Nov 14;4(11).

Li X, et al. *Mol Cancer Ther.* 2015 Mar;14(3):642-8.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com