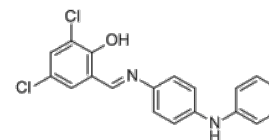


Product Name : MitoBloCK 6
Cat. No. : PC-62048
CAS No. : 303215-67-0
Molecular Formula : C₁₉H₁₄Cl₂N₂O
Molecular Weight : 357.234
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

MitoBloCK 6 is a small molecule mitochondrial protein import blocker that inhibits **Erv1 oxidase** activity. MitoBloCK 6 attenuates the import of Erv1 substrates into yeast mitochondria and inhibited oxidation of Tim13 and Cmc1 in in vitro reconstitution assays. MitoBloCK 6 impairs the cardiac development in zebrafish embryos, induces apoptosis via cytochrome c release in human embryonic stem cells (hESCs) but not in differentiated cells

References

Dabir DV, et al. *Dev Cell*. 2013 Apr 15;25(1):81-92.

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

E-mail: tech@probechem.com