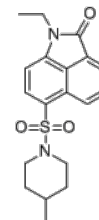


Product Name : APC655
Cat. No. : PC-20457
CAS No. : 385786-31-2
Molecular Formula : C₁₉H₂₂N₂O₃S
Molecular Weight : 358.46
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

APC655 is a potent activator of protein folding and **unfolded protein response (UPR)** modulator, APC655 activates **ATF6** pathway and chaperone expression.

APC655 enhances ER protein folding capacity through the activation of the ATF6 pathway and chaperones expression, during stress.

APC655 protect β cells from chemically induced ER-stress dependent cell death.

APC655 improves β cell viability and function from cytokine induced ER-stress in primary islets.

APC655 decreased body weight, lowered fast blood glucose and improved liver steatosis in the ob/ob mice.

References

Valeria Marrocco, et al. *Acta Pharm Sin B*. 2021 Dec;11(12):3983-3993.

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

E-mail: tech@probechem.com