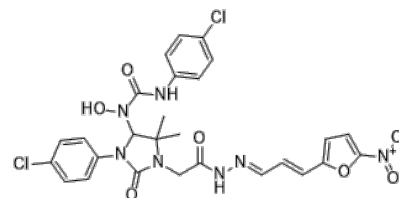


Product Name : Eeyarestatin I
Cat. No. : PC-25308
CAS No. : 412960-54-4
Molecular Formula : C₂₇H₂₅Cl₂N₇O₇
Molecular Weight : 630.44
Target : p97/VCP
Solubility : 10 mM in DMSO



Biological Activity

Eeyarestatin I (Eeyarestatin 1, ESI, ES1) is a potent endoplasmic reticulum-associated protein degradation (ERAD) inhibitor, targets the p97-associated deubiquitinating process (PAD) and inhibits atx3-dependent deubiquitination, inhibits Sec61 translocon.

Eeyarestatin I (Eeyarestatin 1, ESI, ES1) inhibits Sec61-dependent Ca(2+) homeostasis and protein translocation into the ER. Eeyarestatin I (Eeyarestatin 1, ESI, ES1) induces cell death via the proapoptotic protein NOXA and has anticancer effects. Eeyarestatin I (Eeyarestatin 1, ESI, ES1) inhibits the valosin-containing protein (p97/VCP), exhibits potent virucidal activity against the flaviviruses.

Eeyarestatin 1 (ES1) inhibits p97-dependent protein degradation, Sec61-dependent protein translocation into the endoplasmic reticulum (ER), and vesicular transport within the endomembrane system.

References

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

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