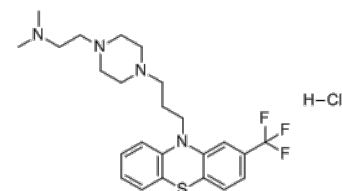


Product Name : ZZW-115 hydrochloride
Cat. No. : PC-22011
CAS No. : 10122-45-9
Molecular Formula : C₂₄H₃₂ClF₃N₄S
Molecular Weight : 501.05
Target : Other Targets
Solubility : 10 mM in DMSO



CAS: 10122-45-9

Biological Activity

ZZW-115 (ZZW115) hydrochloride is a potent inhibitor of NUPR1 (K_d=2.1 μM), an intrinsically disordered protein (IDP) with an entirely disordered conformation.

ZZW-115 demonstrates antitumor activity on a panel of 11 primary PDAC-derived cells and it was found to be efficient to kill the cancer cells with IC₅₀ in the range from 0.84 μM (ANOR) to 4.93 μM (HN14).

ZZW-115 also inhibits the growth of other tumors-derived cells (IC₅₀=0.42 μM (Hep2G cells) to 7.75 μM (SaO-2 cells)).

ZZW-115 induces pancreatic cell death by necrosis and apoptosis and inhibits the growth pancreatic xenografted tumors in vivo.

References

Santofimia-Castaño P, et al. J Clin Invest. 2019 Mar 28;130. pii: 127223.

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

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