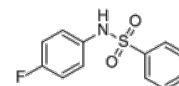


Product Name : ELN484228
Cat. No. : PC-63274
CAS No. : 312-63-0
Molecular Formula : C₁₂H₁₀FNO₂S
Molecular Weight : 251.28
Target : Amyloids
Solubility : 10 mM in DMSO



Biological Activity

ELN484228 is a small molecule binder of **α-synuclein** that shows protective effect in cellular models of αSyn-mediated vesicular dysfunction.

ELN484228 rescues α-synuclein-induced disruption of vesicle trafficking and dopaminergic neuronal loss and neurite retraction most likely by reducing the amount of α-synuclein targeted to sites of vesicle mobilization such as the synapse in neurons or the site of bead engulfment in microglial cells.

ELN484228 shows potential therapeutic strategy for Parkinson's disease.

References

Tóth G, et al. *PLoS One*. 2014 Feb 14;9(2):e87133.

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

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