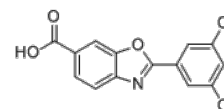


Product Name : Tafamidis
Cat. No. : PC-49858
CAS No. : 594839-88-0
Molecular Formula : C₁₄H₇Cl₂NO₃
Molecular Weight : 308.11
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Tafamidis is a potent and selective **transthyretin** (TTR) kinetic stabilizer with EC₅₀ of 2.7-3.2 μM for WT-TTR and mutant tetramers V30M-TTR, V122I-TTR, inhibits amyloidogenesis.

Tafamidis (7.2 μM) also strongly stabilized TTR heterotetramers containing WT and mutant subunits in plasma samples from patients carrying V30M or V122I mutations in plasma from patients.

Tafamidis significantly reduced the disappearance of TTR tetramer by kinetic stabilization.

References

Bulawa CE, et al. *Proc Natl Acad Sci U S A*. 2012 Jun 12;109(24):9629-34.

Lozeron P, et al. *Eur J Neurol*. 2013 Dec;20(12):1539-45.

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

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