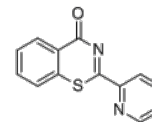


Product Name : BTZO-1
Cat. No. : PC-35107
CAS No. : 99420-15-2
Molecular Formula : C₁₃H₈N₂OS
Molecular Weight : 240.28
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

BTZO-1 is a cardioprotective agent and Macrophage migration inhibitory factor (**MIF**) activator, binds to MIF with K_d of 68.6 nM, regulates ARE-mediated gene expression.

BTZO-1 activates the GST Ya gene ARE by interacting with MIF.

BTZO-1 induced expression of cytoprotective proteins such as heme oxygenase-1 (**HO-1**) and suppressed oxidative stress-induced cardiomyocyte apoptosis via binding to macrophage migration inhibitory factor (MIF).

References

Kimura H, et al. *Chem Biol.* 2010 Dec 22;17(12):1282-94.

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

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