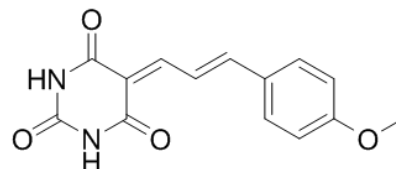


Product Name : ML346
Cat. No. : PC-45512
CAS No. : 100872-83-1
Molecular Formula : C₁₄H₁₂N₂O₄
Molecular Weight : 272.2561
Target : Heat Shock Protein (HSP)
Solubility : DMSO: ≥ 29 mg/mL



Biological Activity

ML346 is a small molecule activator of **HSP70** with EC₅₀ of 4.6 uM, induces HSF-1-dependent chaperone expression. ML346 restores protein folding in conformational disease models, which are mediated by novel mechanisms involving FOXO, HSF-1, and Nfr-2.

References

Calamini B, et al. Probe Reports from the NIH Molecular Libraries Program [Internet].

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

E-mail: tech@probechem.com