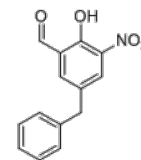


Product Name : Col003
Cat. No. : PC-62622
CAS No. : 328565-16-8
Molecular Formula : C₁₄H₁₁NO₄
Molecular Weight : 257.245
Target : Heat Shock Protein (HSP)
Solubility : 10 mM in DMSO



Biological Activity

Col003 is a small-molecule compound that inhibits the interaction of **Hsp47** with collagen with IC₅₀ of 1.8 μM, binds to the collagen-binding site on Hsp47.

Col 003 competitively inhibits the interaction and causes the inhibition of collagen secretion by destabilizing the collagen triple helix.

References

Ito S, et al. *J Biol Chem*. 2017 Dec 8;292(49):20076-20085.

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

E-mail: tech@probechem.com