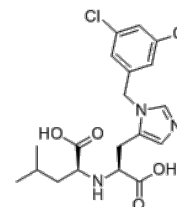


Product Name : MLN-4760
Cat. No. : PC-35972
CAS No. : 305335-31-3
Molecular Formula : C₁₉H₂₃Cl₂N₃O₄
Molecular Weight : 428.31
Target : Angiotensin-converting Enzyme (ACE)
Solubility : 10 mM in DMSO



Biological Activity

MLN-4760 (MLN4760) is a potent, selective inhibitor of angiotensin-converting enzyme (ACE)-related carboxypeptidase **ACE2** with IC₅₀ of 0.44 nM (hACE2).

MLN-4760 displays >5,000-fold selectivity over related enzymes including human testicular ACE (IC₅₀>100 uM) and bovine carboxypeptidase A (IC₅₀=27 uM).

MLN-4760 exacerbated the Ang II-dependent formation of ROS and abolished the generation of Ang-(1-7) from Ang II.

MLN-4760 exacerbates cardiac hypertrophy and fibrosis in Ren-2 hypertensive rats.

References

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Ye M, et al. *Hypertension*. 2012 Sep;60(3):730-40.

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

E-mail: tech@probechem.com