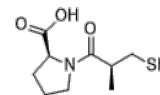


Product Name : Captopril
Cat. No. : PC-25271
CAS No. : 62571-86-2
Molecular Formula : C₉H₁₅NO₃S
Molecular Weight : 217.28
Target : Angiotensin-converting Enzyme (ACE)
Solubility : 10 mM in DMSO



Biological Activity

Captopril (SQ 14225) is antihypertensive agent that acts as a thiol-containing competitive, orally active angiotensin-converting enzyme (ACE) inhibitor with IC₅₀ of 25 nM, is also a New Delhi metallo-β-lactamase-1 (NDM-1) inhibitor with IC₅₀ of 7.9 μM.

References

- Afrin S, et al. J Agric Food Chem. 2016;64(11):2263-2268.
Li N, et al. Bioorg Med Chem Lett. 2014;24(1):386-389.
Tzakos, A.G., et al. Bioorg Med Chem Lett, 2006. 16(19): p. 5084-7.

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

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