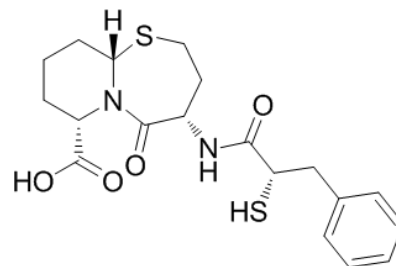


Product Name : Omapatrilat
Cat. No. : PC-45435
CAS No. : 167305-00-2
Molecular Formula : C₁₉H₂₄N₂O₄S₂
Molecular Weight : 408.5349
Target : Angiotensin-converting Enzyme (ACE)
Solubility : DMSO: ≥ 31 mg/mL



Biological Activity

Omapatrilat (BMS-186716) is a potent, dual inhibitor of the metalloproteases **ACE** and **NEP** with K_i of 0.64 nM and 0.45 nM, respectively.

Omapatrilat (BMS-186716) shows moderate activity against APP, and low activity against ECE1.

Omapatrilat (BMS-186716) causes significant inhibition of plasma ACE and increases plasma renin activity, reduces blood pressure in spontaneously hypertensive rats; orally active.

References

Robl JA, et al. *J Med Chem.* 1997 May 23;40(11):1570-7.

Fryer RM, et al. *Br J Pharmacol.* 2008 Mar;153(5):947-55.

Burrell LM, et al. *Am J Hypertens.* 2000 Oct;13(10):1110-6.

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

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