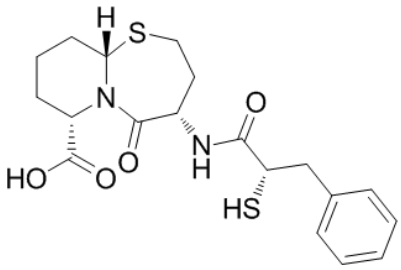
ProbeChem®
Expedite Your Scientific Research

Data Sheet

WWW.PROBECHEM.COM

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name : Omapatrilat
Cat. No. : PC-45435
CAS No. : 167305-00-2
Molecular Formula : $C_{19}H_{24}N_2O_4S_2$
Molecular Weight : 408.5349
Target : Angiotensin-converting Enzyme (ACE)
Solubility : DMSO: ≥ 31 mg/mL



Biological Activity

A potent, dual inhibitor of the metalloproteases ACE and NEP with Ki of 0.64 nM and 0.45 nM, respectively; shows moderate activity against APP, and low activity against ECE1; causes significant inhibition of plasma ACE and increases plasma renin activity, reduces blood pressure in spontaneously hypertensive rats; orally active.
Hypertension
Discontinued

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!

E-mail: tech@probechem.com