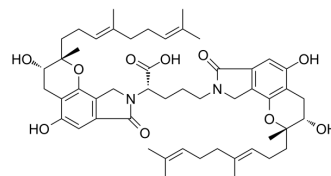


Orniplabin

Cat. No.:	HY-122311
CAS No.:	733805-92-0
Molecular Formula:	C ₅₁ H ₆₈ N ₂ O ₁₀
Molecular Weight:	869.09
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Orniplabin (SMTP-7) is a low-molecular-weight compound that enhances plasminogen–fibrin binding, urokinase-catalyzed activation of plasminogen, and urokinase and plasminogen-mediated fibrin degradation. Orniplabin shows potential thrombolytic and anti-inflammatory effects. Orniplabin inhibits ROS^{[1][2]}.

REFERENCES

- [1]. Shibata K, et al. A novel finding of a low-molecular-weight compound, SMTP-7, having thrombolytic and anti-inflammatory effects in cerebral infarction of mice. *Naunyn Schmiedebergs Arch Pharmacol.* 2010 Sep;382(3):245-53.
- [2]. Shibata K, et al. Neuroprotective mechanisms of SMTP-7 in cerebral infarction model in mice. *Naunyn Schmiedebergs Arch Pharmacol.* 2011 Jul;384(1):103-8.

Caution: Product has not been fully validated for medical applications. For research use only.

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