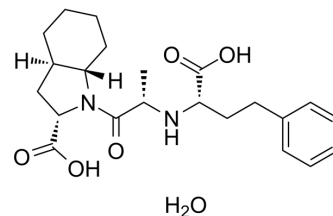


Trandolaprilate hydrate

Cat. No.:	HY-A0116A
CAS No.:	951393-55-8
Molecular Formula:	C ₂₂ H ₃₂ N ₂ O ₆
Molecular Weight:	420.5
Target:	Endogenous Metabolite; Angiotensin-converting Enzyme (ACE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Trandolaprilate hydrate is a potent angiotensin-converting enzyme (ACE) inhibitor. Trandolaprilate hydrate partially inhibits angiotensin-I-mediated c-fos induction. Trandolaprilate is main bioactive metabolite of Trandolapril. Trandolaprilate shows high lipophilicity^{[1][2]}.

REFERENCES

[1]. Al-Hawash LA, et al. Stability-indicating HPLC determination of trandolapril in bulk drug and pharmaceutical dosage forms. *Int J Anal Chem.* 2015;2015:820517.

[2]. Millet D, et al. Effects of angiotensins on cellular hypertrophy and c-fos expression in cultured arterial smooth muscle cells. *Eur J Biochem.* 1992 Jun 1;206(2):367-72.

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

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