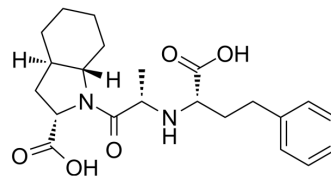


Trandolaprilate

Cat. No.:	HY-A0116
CAS No.:	87679-71-8
Molecular Formula:	C ₂₂ H ₃₀ N ₂ O ₅
Molecular Weight:	402.48
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.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (310.57 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.4846 mL	12.4230 mL	24.8460 mL
	5 mM		0.4969 mL	2.4846 mL	4.9692 mL
	10 mM		0.2485 mL	1.2423 mL	2.4846 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

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

REFERENCES

- [1]. 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.
- [2]. 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.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA