



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

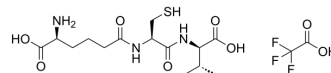
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

ACV Tripeptide TFA

Cat. No.: HY-P3519A
Molecular Formula: C₁₆H₂₆F₃N₃O₈S
Molecular Weight: 477.45
Target: Others
Pathway: Others
Storage: Sealed storage, away from moisture
 Powder -80°C 2 years
 -20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (261.81 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.0945 mL	10.4723 mL	20.9446 mL
5 mM	0.4189 mL	2.0945 mL	4.1889 mL
10 mM	0.2094 mL	1.0472 mL	2.0945 mL

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

BIOLOGICAL ACTIVITY

Description

ACV Tripeptide TFA is the TFA form of ACV Tripeptide (HY-P3519). ACV Tripeptide TFA is a key biosynthetic precursor of penicillin and cephalosporins and is found in *Penicillium chrysogenum* and *Acremonium chrysogenum*. ACV Tripeptide TFA is synthesized by a large non-ribosomal peptide synthase called ACV synthase^[1].

REFERENCES

[1]. Martin JF, et al. Alpha-aminoadipyl-cysteinyl-valine synthetases in beta-lactam producing organisms. From Abraham's discoveries to novel concepts of non-ribosomal peptide synthesis. *J Antibiot (Tokyo)*. 2000 Oct;53(10):1008-21.

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