



SZABO SCANDIC

Part of Europa Biosite

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

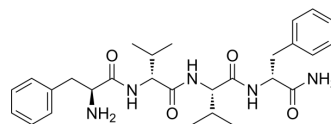
mail@szabo-scandic.com

www.szabo-scandic.com

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

Bilaid A1e

Cat. No.:	HY-P3044
CAS No.:	2393866-02-7
Molecular Formula:	C ₂₈ H ₃₉ N ₅ O ₄
Molecular Weight:	509.64
Sequence:	Phe-[d-Val]-Val-[d-Phe]-NH ₂
Sequence Shortening:	F-[d-Val]-V-[d-Phe]-NH ₂
Target:	Opioid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Bilaid A1e (Compound 1e) is a tetrapeptide agonist of the μ -opioid receptor ($K_i = 750$ nM). Bilaid A1e can be isolated from an Australian estuarine isolate of <i>Penicillium</i> sp. Bilaid A1e can be used for pain research ^[1] .
IC ₅₀ & Target	μ Opioid Receptor/MOR 750 nM (K _i)

REFERENCES

[1]. Dekan Z, et al. A tetrapeptide class of biased analgesics from an Australian fungus targets the μ -opioid receptor. *Proc Natl Acad Sci U S A*. 2019 Oct 29;116(44):22353-22358.

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