



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## α-Casozepine

Cat. No.:	HY-P2602
CAS No.:	117592-45-7
Molecular Formula:	C <sub>60</sub> H <sub>94</sub> N <sub>14</sub> O <sub>16</sub>
Molecular Weight:	1267.47
Sequence:	Tyr-Leu-Gly-Tyr-Leu-Glu-Gln-Leu-Leu-Arg
Sequence Shortening:	YLGYLEQLLR
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

α-Casozepine is a bioactive peptide derived from the α protein S1 casein in milk and has an affinity for γ-aminobutyric acid (GABA) receptors in the brain. α-Casozepine has anti-anxiety effects<sup>[1][2]</sup>.

### REFERENCES

- [1]. Miclo L, et al. Characterization of alpha-casozepine, a tryptic peptide from bovine alpha(s1)-casein with benzodiazepine-like activity. FASEB J. 2001 Aug;15(10):1780-2.
- [2]. Landsberg G, et al Therapeutic effects of an alpha-casozepine and L-tryptophan supplemented diet on fear and anxiety in the cat. J Feline Med Surg. 2017 Jun;19(6):594-602.

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

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