



# 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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## Ebiratide

Cat. No.:	HY-19648
CAS No.:	105250-86-0
Molecular Formula:	C <sub>48</sub> H <sub>73</sub> N <sub>11</sub> O <sub>10</sub> S
Molecular Weight:	996.23
Sequence:	{Met(O2)}-Glu-His-Phe-{d-Lys}-{Phe-NH(CH <sub>2</sub> ) <sub>8</sub> NH <sub>2</sub> }
Sequence Shortening:	{Met(O2)}-EHF-{d-Lys}-{Phe-NH(CH <sub>2</sub> ) <sub>8</sub> NH <sub>2</sub> }
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Ebiratide (HOE-427 free base) is a synthesized ACTH derivative, which acts directly on the central nervous system and exhibits memory-enhancing efficacy <sup>[1]</sup> .	
<b>In Vivo</b>	Ebiratide (0.1-30 µg/kg, s.c., single dose) exhibits neuroprotective efficacy in electroconvulsive shock and Scopolamine (HY-N0296)-induced memory impairment in mice model, exhibits anti-amnestic efficacy <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	Electoconvulsive shock induced and Scopolamine (HY-N0296)-induced memory impairment in NMRI mice <sup>[1]</sup>
	Dosage:	0.1-30 µg/kg
	Administration:	s.c., single dose
	Result:	Reduced the retention latency.

### REFERENCES

[1]. Hock FJ, et al., Learning and memory processes of an ACTH4-9 analog (ebiratide; Hoe 427) in mice and rats. Peptides. 1988 May-Jun;9(3):575-81.

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

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