

Ebiratide

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

BIOLOGICAL ACTIVITY

Description	Ebiratide (HOE-427 free base) is a synthesized ACTH derivative, which acts directly on the central nervous system and exhibits memory-enhancing efficacy ^[1] .								
In Vivo	<p>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^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Animal Model:</td> <td>Electoconvulsive shock induced and Scopolamine (HY-N0296)-induced memory impairment in NMRI mice^[1]</td> </tr> <tr> <td>Dosage:</td> <td>0.1-30 µg/kg</td> </tr> <tr> <td>Administration:</td> <td>s.c., single dose</td> </tr> <tr> <td>Result:</td> <td>Reduced the retention latency.</td> </tr> </table>	Animal Model:	Electoconvulsive shock induced and Scopolamine (HY-N0296)-induced memory impairment in NMRI mice ^[1]	Dosage:	0.1-30 µg/kg	Administration:	s.c., single dose	Result:	Reduced the retention latency.
Animal Model:	Electoconvulsive shock induced and Scopolamine (HY-N0296)-induced memory impairment in NMRI mice ^[1]								
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.

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