

BIM-26226

Cat. No.:	HY-P0039
CAS No.:	136207-23-3
Molecular Formula:	C ₄₉ H ₆₃ F ₅ N ₁₂ O ₁₀
Molecular Weight:	1075.09
Sequence:	{D-F5 Phe}-Gln-Trp-{D-Ala}-Val-Ala-His-Leu-OMe
Sequence Shortening:	{D-F5 Phe}-QW-{D-Ala}-VAHL-OMe
Target:	Bombesin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	BIM-26226, gastrin-releasing peptide, is a potent and selective antagonist of bombesin receptor. BIM-26226 inhibits BN- or GRP-stimulated amylase release with IC ₅₀ s in the nanomolar range. BIM-26226 can be used for the research of cancer ^{[1][2]} .
IC ₅₀ & Target	bombesin receptor ^[1]

REFERENCES

[1]. Dietrich JB, et, al. Effects of BIM26226, a potent and specific bombesin receptor antagonist, on amylase release and binding of bombesin-like peptides to AR4-2J cells. Regul Pept. 1994 Oct 21;53(3):165-73.

[2]. Damgé C, et, al. Effect of the gastrin-releasing peptide antagonist BIM 26226 and lanreotide on an acinar pancreatic carcinoma. Eur J Pharmacol. 1998 Apr 17;347(1):77-86.

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

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