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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BWX 46

Cat. No.:	HY-P1325
CAS No.:	172997-92-1
Molecular Formula:	C ₁₁₆ H ₁₈₆ N ₃₆ O ₂₈ S ₂
Molecular Weight:	2597.07
Target:	Neuropeptide Y Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	BWX 46 (((Cys31, Nva 34)-Neuropeptide Y (27-36)) ₂) is a selective Y ₅ receptor agonist with an IC ₅₀ value of 0.85 nM. BWX 46 can inhibit the synthesis of cAMP in Y ₅ cells ^[1] .			
IC ₅₀ & Target	NPY Y ₅ receptor 0.85 nM (IC ₅₀)	NPY Y ₁ receptor 42 nM	NPY Y ₂ receptor 3015 nM	NPY Y ₄ receptor 245 nM

REFERENCES

[1]. Balasubramaniam A, et al. Bis(31/31')[[Cys(31), Nva(34)]NPY(27-36)-NH(2)]: a neuropeptide Y (NPY) Y(5) receptor selective agonist with a latent stimulatory effect on food intake in rats. Peptides. 2002;23(8):1485-1490.

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

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