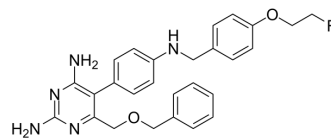


BPP-2

Cat. No.:	HY-157556
Molecular Formula:	C ₂₇ H ₂₈ FN ₅ O ₂
Molecular Weight:	473.54
Target:	GHSR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BPP-2 is a GHSR ligand with an F element. Using ¹⁸F isotope labeling BPP-2, a PET probe targeting GHSR can be obtained. The binding affinity K_i of ¹⁸F-BPP-2 for GHSR is 274 nM^[1].

REFERENCES

[1]. Saito H, et al. Synthesis and biological evaluation of novel ¹⁸F-labeled 2,4-diaminopyrimidine derivatives for detection of ghrelin receptor in the brain. Bioorg Med Chem Lett. 2024 Jan 20:129625.

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

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