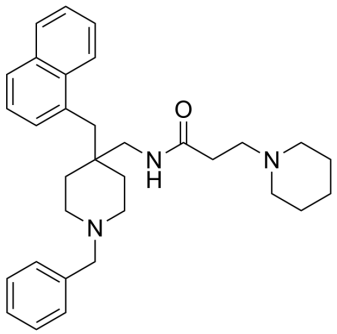
NPFF2-R ligand 1

Cat. No.:	HY-161382
Molecular Formula:	$C_{32}H_{41}N_3O$
Molecular Weight:	483.69
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NPFF2-R ligand 1 (Compound 16a) is a NPFF2-R ligand, with K_is of 228 and 27 nM for NPFF1-R and NPFF2-R respectively. NPFF2-R ligand 1 can be used for research related with central nervous system[1].
In Vitro	NPFF2-R ligand 1 shows low binding affinity to DOR, KOR and MOR, with K_i values of >10000, 913, 2180 nM respectively[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Galal KA, et al. Guanidine-to-piperidine switch affords high affinity small molecule NPFF ligands with preference for NPFF1-R and NPFF2-R subtypes. Eur J Med Chem. 2024 Mar 23;269:116330.

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