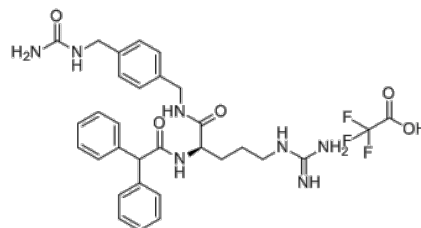


Product Name : BIBO3304
Cat. No. : PC-62525
CAS No. : 191868-14-1
Molecular Formula : $C_{31}H_{36}F_3N_7O_5$
Molecular Weight : 643.668
Target : Neuropeptide Y Receptor
Solubility : 10 mM in DMSO



Biological Activity

BIBO3304 is a potent, selective, nonpeptide **neuropeptide Y Y1 receptor** (NPY1R) antagonist with IC₅₀ of 0.38 and 0.72 nM for human and the rat Y1 receptor, respectively.

BIBO3304 shows low affinity for the human Y2 receptor, human and rat Y4 receptor, human and rat Y5 receptor (IC50>1,000 nM).

BIBO3304 inhibits the feeding response induced by 1 mg NPY in mice, also completely abolishes PYY-induced inhibition of insulin release *in vivo*.

References

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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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