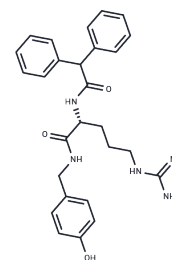


BIBP3226

## Chemical Properties

CAS No. : 159013-54-4  
 Formula: C<sub>27</sub>H<sub>31</sub>N<sub>5</sub>O<sub>3</sub>  
 Molecular Weight: 473.57  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
*Actual storage temperature shall be subject to the COA.*



## Biological Description

Description	BIBP3226 is a potent and selective antagonist for the Neuropeptide Y receptor (Y1) and the neuropeptide FF receptor (NPFF).
Targets(IC50)	Others, Neuropeptide Y Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1116 mL	10.5581 mL	21.1162 mL
5 mM	0.4223 mL	2.1116 mL	4.2232 mL
10 mM	0.2112 mL	1.0558 mL	2.1116 mL
50 mM	0.0422 mL	0.2112 mL	0.4223 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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- Chen SH, Cheung RT. Intracerebroventricular injection of a neuropeptide Y-Y1 receptor agonist increases while BIBP3226, a Y1 antagonist, reduces the infarct volume following transient middle cerebral artery occlusion in rats. *Neuroscience*. 2003;116(1):119-26. PubMed PMID: 12535945.
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