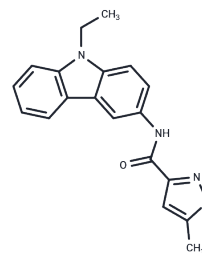


## Neuropeptide Y5 receptor ligand-1

## Chemical Properties

CAS No. :	322723-35-3
Formula:	C19H17N3O2
Molecular Weight:	319.36
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Neuropeptide Y5 receptor ligand-1 is a potent NPY5 receptor ligand. It regulates hypothalamic feeding behavior and energy homeostasis in obesity and metabolic syndrome research.
Targets(IC50)	Neuropeptide Y Receptor

## Solubility Information

Solubility	DMSO: 80 mg/mL (250.5 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1313 mL	15.6563 mL	31.3126 mL
5 mM	0.6263 mL	3.1313 mL	6.2625 mL
10 mM	0.3131 mL	1.5656 mL	3.1313 mL
50 mM	0.0626 mL	0.3131 mL	0.6263 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

Lou S, Zheng F, Tang Y, et al. TYM-3-98, a novel selective inhibitor of PI3K $\delta$ , demonstrates promising preclinical antitumor activity in B-cell lymphomas[J]. Life Sciences, 2024, 347: 122662.

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