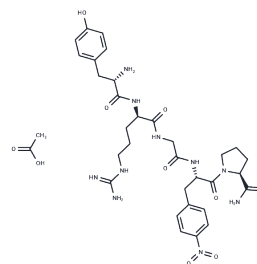


BW 443C

Chemical Properties

CAS No. :	88331-14-0
Formula:	C33H46N10O10
Molecular Weight:	742.791
Storage:	Keep away from moisture 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	BW 443C is a selective agonist of mu-opioid receptor.
Targets(IC50)	Others,Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3463 mL	6.7314 mL	13.4628 mL
5 mM	0.2693 mL	1.3463 mL	2.6926 mL
10 mM	0.1346 mL	0.6731 mL	1.3463 mL
50 mM	0.0269 mL	0.1346 mL	0.2693 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

- Belvisi MG, Stretton CD, Verleden GM, Ledingham SJ, Yacoub MH, Barnes PJ. Inhibition of cholinergic neurotransmission in human airways by opioids. *J Appl Physiol* (1985). 1992 Mar;72(3):1096-100. PubMed PMID: 1314798.
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- Yeadon M, Wilkinson D, Darley-USmar V, O'Leary VJ, Payne AN. Mechanisms contributing to ozone-induced bronchial hyperreactivity in guinea-pigs. *Pulm Pharmacol*. 1992;5(1):39-50. PubMed PMID: 1375522.
- Calatayud S, Quintana E, Esplugues J, Barrachina MD. Role of central oxytocin in the inhibition by endotoxin of distension-stimulated gastric acid secretion. *Naunyn Schmiedeberg's Arch Pharmacol*. 1999 Dec;360(6):676-82. PubMed PMID: 10619185.

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