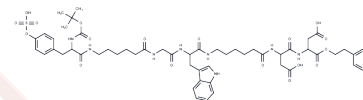


Jmv 180

## Chemical Properties

CAS No. : 119733-42-5  
 Formula: C<sub>55</sub>H<sub>72</sub>N<sub>8</sub>O<sub>18</sub>S  
 Molecular Weight: 1165.28  
 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	Jmv 180, a CCK analog, can distinguish high-affinity cholecystokinin receptors from low-affinity cholecystokinin receptors.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8582 mL	4.2908 mL	8.5816 mL
5 mM	0.1716 mL	0.8582 mL	1.7163 mL
10 mM	0.0858 mL	0.4291 mL	0.8582 mL
50 mM	0.0172 mL	0.0858 mL	0.1716 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

- Alexandre M, Uduman AK, Minervini S, Raof A, Shugrue CA, Akinbiyi EO, Patel V, Shitia M, Kolodecik TR, Patton R, Gorelick FS, Thrower EC. Tobacco carcinogen 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone initiates and enhances pancreatitis responses. *Am J Physiol Gastrointest Liver Physiol*. 2012 Sep 15;303(6):G696-704. doi: 10.1152/ajpgi.00138.2012. Epub 2012 Jul 26. PubMed PMID: 22837343; PubMed Central PMCID: PMC3468532.
- Kinch DC, Peters JH, Simasko SM. Comparative pharmacology of cholecystokinin induced activation of cultured vagal afferent neurons from rats and mice. *PLoS One*. 2012;7(4):e34755. doi: 10.1371/journal.pone.0034755. Epub 2012 Apr 13. PubMed PMID: 22514663; PubMed Central PMCID: PMC3326049.
- Staljanssens D, De Vos WH, Willems P, Van Camp J, Smaghe G. Time-resolved quantitative analysis of CCK1 receptor-induced intracellular calcium increase. *Peptides*. 2012 Mar;34(1):219-25. doi: 10.1016/j.peptides.2011.02.014. Epub 2011 Feb 23. PubMed PMID: 21352882.
- Li Y, Wu X, Zhou S, Owyang C. Low-affinity CCK-A receptors are coexpressed with leptin receptors in rat nodose ganglia: implications for leptin as a regulator of short-term satiety. *Am J Physiol Gastrointest Liver Physiol*. 2011 Feb;300(2):G217-27. doi: 10.1152/ajpgi.00356.2010. Epub 2010 Nov 25. PubMed PMID: 21109591; PubMed Central PMCID: PMC3043649.

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