

Rev03  
Update: Feb,10,2022

## DATASHEET

# BAM-22P

Cat. No.: RP10424

## Overview

<b>Synonyms</b>	Bovine adrenal medulla docosapeptideBAM22P
<b>Description</b>	Bovine adrenal medulla docosapeptide (BAM-22P) is a potent opioid agonist, derived from the proenkephalin A gene, which is present in the adrenal medulla. The increase in plasma BAM-22P levels may contribute substantially to the increase in total circulating opioid activity documented in cholestatic rats.
<b>Sequence</b>	{TYR}{GLY}{GLY}{PHE}{MET}{ARG}{ARG}{VAL}{GLY}{ARG}{PRO}{GLU}{TRP}{TRP}{MET}{ASP}{TYR}{GLN}{LYS}{ARG}{TYR}{GLY}
<b>Sequence Shortening</b>	YGGFMRRVGRPEWWMDYQKRYG
<b>Molecular Formula</b>	C <sub>130</sub> H <sub>184</sub> N <sub>38</sub> O <sub>31</sub> S <sub>2</sub>
<b>Molecular Weight</b>	2839.23

## Properties

<b>Purity</b>	> 95%
<b>Solubility</b>	Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weight out a smaller portion of the contents.
<b>Form</b>	Lyophilized
<b>Storage</b>	Storage at -20°C. Keep tightly closed.
<b>Note</b>	Extraordinarily potent opiate activity.