

Ac-[D-Lys2, Sar3]-MPF

Catalog #	Source	Reactivity	Applications
CCP1538	Synthetic		
Description	Peptide to Ac-[D-Lys2, Sar3]-MPF		
Biological Description	<p>This metabolically stable analog of MPF is known as a neurotrophic peptide capable of CNS regeneration. It has been shown to reduce parkinsonian-like behaviour in rats with unilateral lesions of their nigro-striatal pathways. This effect is related to reversal of the mitochondrial damage to the neurons. As a mitochondrial defect is supposed to be the initial step in the genesis of Parkinson's disease, the peptide may be a very useful tool in the investigation of this disease.</p>		
Form	Lyophilized powder		
CAS Number	81483-91-2		
Molecular Formula	C22H40N6O8		
Molecular Weight	516.60		
Purity	> 95%		
Chemical Structure	Ac - Lys - D - Lys - Sar - Glu		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.		
Structure			

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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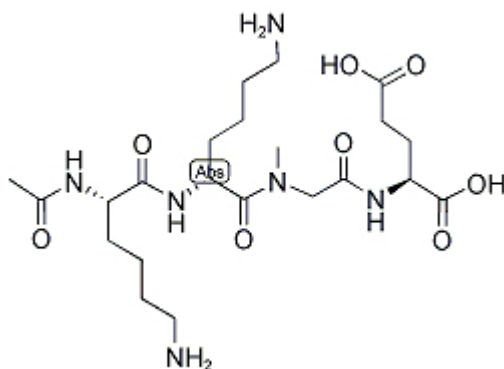
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Product Data Sheet



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