Product Data Sheet

Product Name: TLQP 21
Cat. No.: GC11496

Chemical Properties

Cas. No.	869988-94-3
Chemical Name	(S)-5-guanidino-2-((Z)-((S)-1-hydroxy-2-((Z)-(hydroxy((S)-1-((S)-1-((1Z,3S,4Z,6S,7Z,9S,10Z,12S,13Z,15S,16Z,18S,19Z,21S,22Z,24S,25Z,27S,28Z,30S,31Z,33S,34Z,36S)-21,27,30-tris((1H-imidazol-5-yl)methyl)-1-((S)-1-((S)-1-((S)-2-((Z)-((S)-2-((Z)-((2S,3R)-2-amin
SMILES	CC(C[C@@](/N=C(O)/[C@](N)([H])[C@@](O)([H])C)([H])/C(O)=N/[C@@](C(N1CCC[C@@]1([H])C(N2CCC[C@@]2([H])/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](/C(O)=N/[C@@](/
Formula	$C_{107}H_{170}N_{40}O_{26}$
M.Wt	2432.75
Solubility	Soluble to 1 mg/ml in Water
Storage	Desiccate at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ for several months.
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.
Structure	TLQP 21

Background

VGF-derived peptide; spans residues 556-576 of the precursor sequence. Protects cerebellar granule cells (CGCs) from serum and potassium deprivation-induced apoptosis. Increases energy expenditure and prevents early phase diet-induced diabetes.

Caution: Product has not been fully validated for medical applications. For research use only.
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