

Certificate of Analysis



Product Identification

Catalog number	HB9841
Compound name	TAT-Gap19
Amino acid sequence	YGRKKRRQRRRKQIEIKKFK
Modifications	N/A
Batch number	E2450-1-1
Batch molecular formula	$C_{119}H_{212}N_{46}O_{26}$
Batch molecular weight	2703.28
Salt form	TFA Salt

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 98.8%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 60.6%
Mass spectrum	Mass spec analysis consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (1 mg/ml)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

29/11/2023

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.