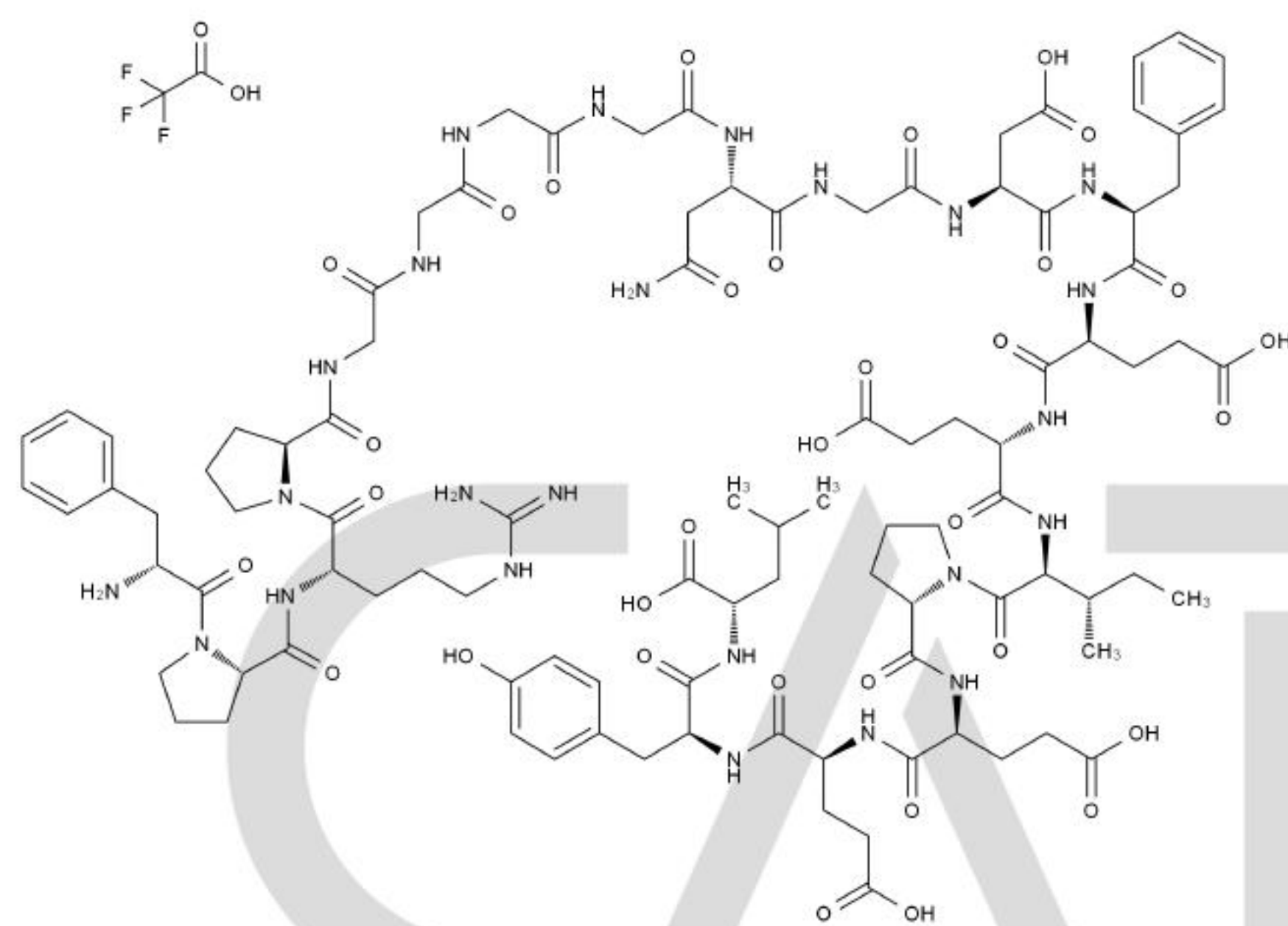


Certificate of Analysis

Reference Material & Standard

Product Name:	Bivalirudin TFA Salt	Catalogue Number:	C4X-1448
Synonyms:	N/A	Lot Number:	0206-RH-0079
CAS Number:	128270-60-0	Expiry Date:	Feb 05, 2030
Molecular Formula:	$C_{98}H_{138}N_{24}O_{33} \cdot C_2HF_3O_2$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	2180.29 114.02	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	99.637%
Residue on Ignition	TGA	0.5469%
Loss On Drying	TGA	1.9637%
Assay		97.1%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Feb 06, 2026

Date: Feb 06, 2026

Date: Feb 06, 2026



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