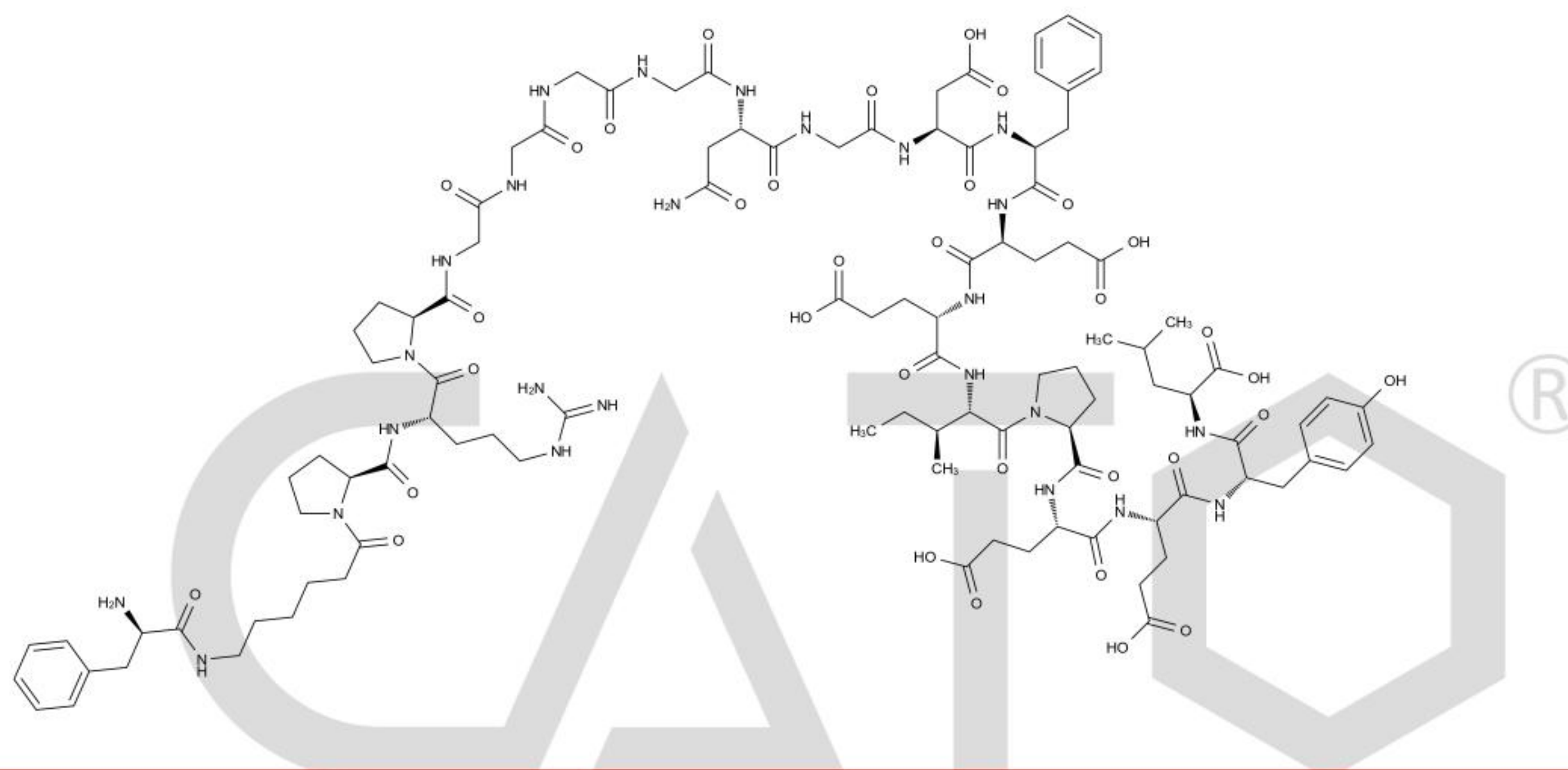


Certificate of Analysis

Reference Material & Standard

Product Name:	Bivalirudin Impurity 13	Catalogue Number:	C4X-144813
Synonyms:	N/A	Lot Number:	0913-RH-0063
CAS Number:	N/A	Expiry Date:	Sep 15, 2029
Molecular Formula:	$C_{104}H_{149}N_{25}O_{34}$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	2293.44	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.0%
Assay	qNMR	85.1%

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 16, 2026

Date: Sep 16, 2026

Date: Sep 16, 2026



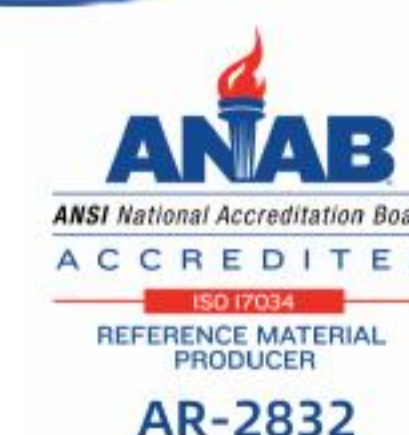
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