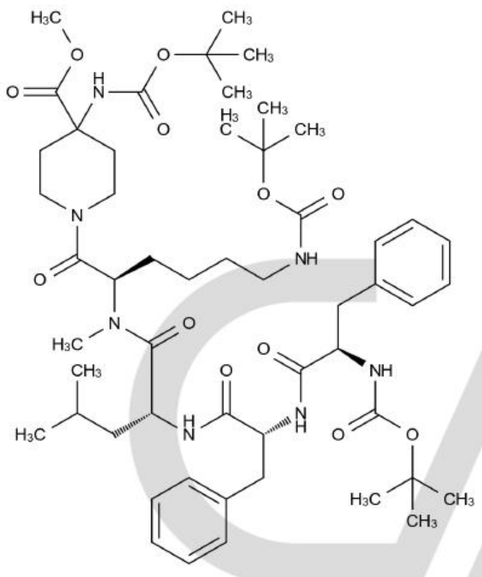
Certificate of Analysis

Reference Material & Standard

Product Name:	Difelikefalin Impurity 101	**Catalogue Number:**	C4X-3041101
Synonyms:	N/A	**Lot Number:**	0917-RH-0049
CAS Number:	N/A	**Expiry Date:**	Sep 20, 2030
Molecular Formula:	$C_{53}H_{81}N_7O_{12}$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1008.25	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.6%
Assay	qNMR	96.3%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Sep 21, 2026

Reviewed by: Koi Date: Sep 21, 2026

Approved by General Manager: David Date: Sep 21, 2026

CATO Research Chemicals Inc.