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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Difelikefalin Dimer Impurity 2**

### Identification:

Chemical Name: 1-(D-phenylalanyl-D-phenylalanyl-D-leucyl-D-lysyl)-4-(1-(D-phenylalanyl-D-phenylalanyl-D-leucyl-D-lysyl)-4-aminopiperidine-4-carboxamido)piperidine-4-carboxylic acid

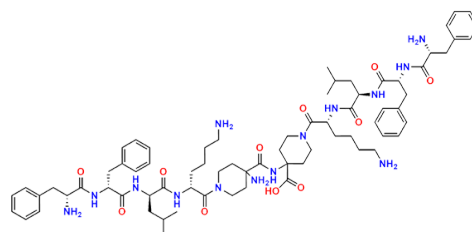
Synonyms : NA

CAS Number : NA

CAT Number : CP-D443002

Molecular Formula : C<sub>72</sub>H<sub>104</sub>N<sub>14</sub>O<sub>11</sub>

Molecular Weight : 1341.7



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.