Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

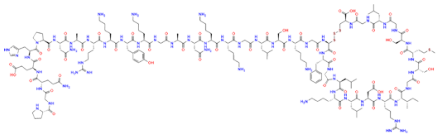
Analysis Date: Re-test Date:

Product Name: Vosoritide Tri Sulphide Impurity

Identification:

Chemical Name: (5R,11S,17S,20S,23S,29S,32S,35S,38S,41S,44S,50S,53S)-53-(2-((S)-2-((S)-2-((S)-2-(2-((S)-2-((S)-2-((S)-2-((S)-2-(2-((S)-2-((S)-2-((S)-2-((S)-2-((S)-2-((S)-2-((S)-1-(L-prolylglycyl-L-glutaminyl-L-glutamyl-L-histidyl)pyrrolidine-2-carboxamido)-4-amino-4-oxobutanamido)propanamido)-5-guanidinopentanamido)-6-aminohexanamido)-3-(4-hydroxyphenyl)propanamido)-6-aminohexanamido)acetamido)propanamido)-4-amino-4-oxobutanamido)-6-aminohexanamido)-6-aminohexanamido)acetamido)-4-methylpentanamido)-3-hydroxypropanamido)-6-aminohexanamido)acetamido)-41-(4-aminobutyl)-50-benzyl-29-((S)-sec-butyl)-35-(carboxymethyl)-32-(3-guanidinopropyl)-17,23-bis(hydroxymethyl)-11,38,44-triisobutyl-20-(2-(methylthio)ethyl)-7,10,13,16,19,22,25,28,31,34,37,40,43,46,49,52-hexadecaoxo-1,2,3-trithia-6,9,12,15,18,21,24,27,30,33,36,39,42,45,48,51-hexadecaazacyclotripentacontane-5-carboxylic acid

Synonyms	:	NA
CAS Number	:	NA
CAT Number	:	CP-V55012
Molecular Formula	:	C175H288N56O51S4
Molecular Weight	:	4120.8



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)	1HNMR	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.