









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: Tryptophan Impurity 21 (Mixture of Diastereomers)

Identification:

 $Chemical\ Name:\ (3R)-1-(((R)-4-amino-1-carboxy-4-oxobutyl)carbamoyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-1-((R)-4-amino-1-carboxy-4-oxobutyl)carbamoyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-1-((R)-4-amino-1-carboxy-4-oxobutyl)carbamoyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-1-((R)-4-amino-1-carboxy-4-oxobutyl)carbamoyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-1-((R)-4-amino-1-carboxy-4-oxobutyl)carbamoyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-1-((R)-4-amino-1-carboxy-4-oxobutyl)carbamoyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-1-((R)-4-amino-1-carboxy-4-oxobutyl)carbamoyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-1-((R)-4-amino-1-carboxy-4-oxobutyl)carbamoyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-1-((R)-4-amino-1-carboxy-4-oxobutyl)carbamoyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-1-((R)-4-amino-1-carboxy-4-oxobutyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-((R)-4-amino-1-carboxy-4-oxobutyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-((R)-4-amino-1-carboxy-4-amino-1-c$

carboxylic acid

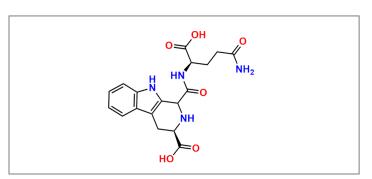
Synonyms : NA

CAS Number : NA

CAT Number : CP-T90049

Molecular Formula : C18H20N4O6

Molecular Weight : 388.38



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)	H1NMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe (Manager QC Analytical) **Approved By**



Ms Rohini Gagare (QA Head)

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