









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: N1-(2-Carboxyethyl) Ibrutinib

Identification:

 $Chemical\ Name:\ (R)-3-(1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1H-pyrazolo[3,4-d]pyrimidin-5(4H)-1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1-(1-Acryloylpiperidin-3-yl)-4-imino-3-(4-phenoxyphenyl)-1-(4-phenox$

yl)propanoic Acid

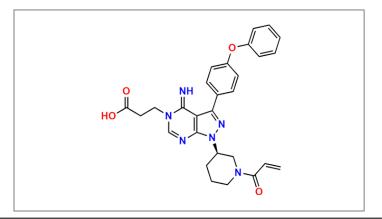
Synonyms : NA

CAS Number : NA

CAT Number : CP-I20014

Molecular Formula : C28H28N6O4

Molecular Weight : 512.57



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

Pilosof.

Ms Priyanka Salunkhe (Manager QC Analytical)

Approved By

Pagare

Ms Rohini Gagare (QA Head)

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