

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](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

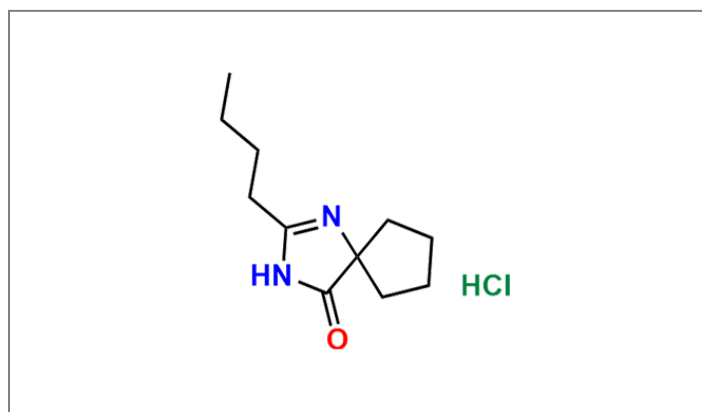
Re-test Date:

**Product Name: Irbesartan Lactam Impurity**

### Identification:

Chemical Name: 2-Butyl-1,3-diazaspiro[4.4]non-1-en-4-one Hydrochloride ; 2-Butyl-4-spirocyclopentane-2-imidazolin-5-one hydrochloride ;

Synonyms : NA  
CAS Number : 151257-01-1  
CAT Number : CP-I8022  
Molecular Formula : C<sub>11</sub>H<sub>18</sub>N<sub>2</sub>O : HCl  
Molecular Weight : 194.28 : 36.46



### 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.