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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Pramipexole Impurity 12**

### Identification:

Chemical Name: (S)-N2-propyl-4,5,6,7-tetrahydrobenzo[d]thiazole-2,6-diamine, hydrochloride (1:2)

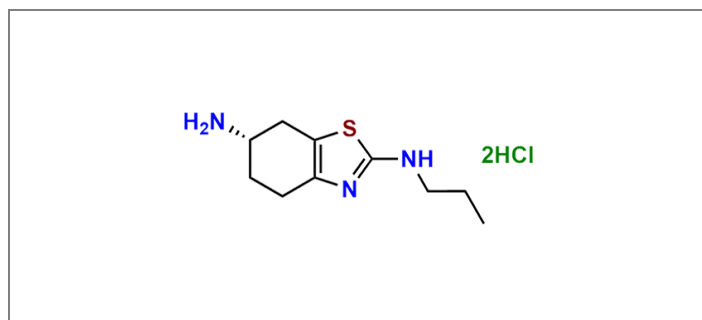
Synonyms : NA

CAS Number : NA

CAT Number : CP-P21083

Molecular Formula : C<sub>10</sub>H<sub>17</sub>N<sub>3</sub>S : 2(HCl)

Molecular Weight : 211.33 : 2(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.