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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: (R)-Vildagliptin Impurity 61 (Tosylate)**

### Identification:

Chemical Name: (R)-pyrrolidine-2-carbonitrile, 4-methylbenzenesulfonate (1:1)

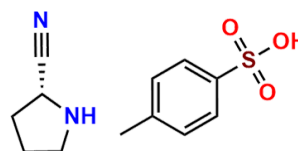
Synonyms : NA

CAS Number : NA

CAT Number : CP-V1074

Molecular Formula : C<sub>5</sub>H<sub>8</sub>N<sub>2</sub> : C<sub>7</sub>H<sub>8</sub>O<sub>3</sub>S

Molecular Weight : 96.13 : 172.20



### 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.