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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2022

Re-test Date: Nov 2025

**Product Name: Vildagliptin Chloroacetyl Nitrile (R)-Isomer**

### Identification:

Chemical Name: (2R)-1-(2-Chloroacetyl)-2-pyrrolidinecarbonitrile

Synonyms : NA

CAS Number : 565452-98-4

CAT Number : CP-V1003

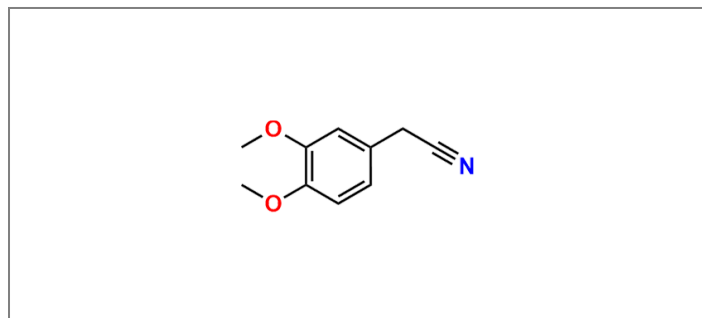
Molecular Formula : C7H9ClN2O

Molecular Weight : 172.61

Batch Number : CHEM-VIL-R

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.71%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.