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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Entacapone EP Impurity A

Identification:

Chemical Name: (Z)-2-Cyano-3-(3,4-dihydroxy-5-nitrophenyl)-N,N-diethylacrylamide

Synonyms : Entacapone USP Related
Compound A ; (Z)-Entacapone

CAS Number : 145195-63-7

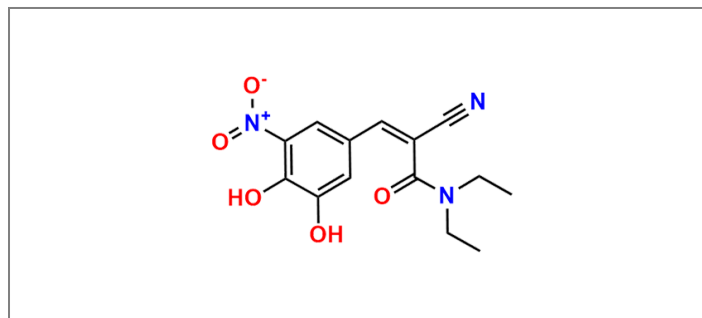
CAT Number : CP-E2001

Molecular Formula : C₁₄H₁₅N₃O₅

Molecular Weight : 305.29

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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



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.