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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2022

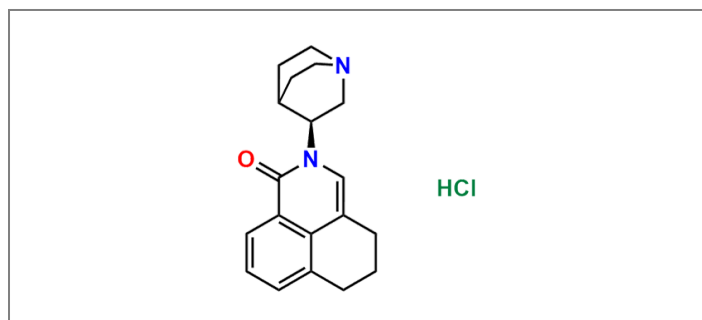
Re-test Date: Jun 2025

**Product Name: Palonosetron USP Related Compound E**

### Identification:

Chemical Name: 2-[(3S)-Quinuclidin-3-yl]-2,4,5,6-tetrahydro-1H-benzo[de]isoquinolin-1-one hydrochloride (as per USP)

Synonyms : NA  
CAS Number : 135729-55-4  
CAT Number : CP-P14004  
Molecular Formula : C<sub>19</sub>H<sub>22</sub>N<sub>2</sub>O : HCl  
Molecular Weight : 294.4 : 36.5  
Batch Number : CHEM-PAL-0PE  
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	Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.64%
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.