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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

Re-test Date: Jan 2028

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

### Identification:

Chemical Name: (3S)-3-(1-Oxo-5,6-dihydro-1H-benzo[de]isoquinolin-2(4H)-yl)quinuclidine 1-oxide (as per USP)

Synonyms : Palonosetron-3-ene N-Oxide

CAS Number : 1021456-82-5

CAT Number : CP-P14002

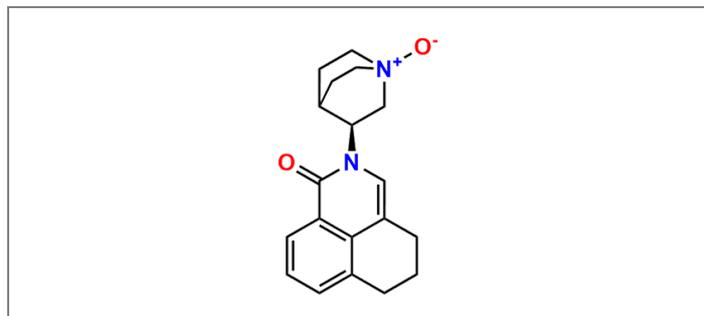
Molecular Formula : C<sub>19</sub>H<sub>22</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight : 310.39

Batch Number : CHEM-PAL-B

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	95.49%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	<sup>13</sup> CNMR	Confirm to structure
7)	IR	Confirm to structure



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

### Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.