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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

Re-test Date: Nov 2028

**Product Name: Mirabegron Nitroso Impurity 12**

### Identification:

Chemical Name: N-(2-Hydroxy-2-phenylethyl)-N-(4-nitrophenethyl)nitrous amide

Synonyms : NA

CAS Number : 3035190-51-0

CAT Number : CP-M21088

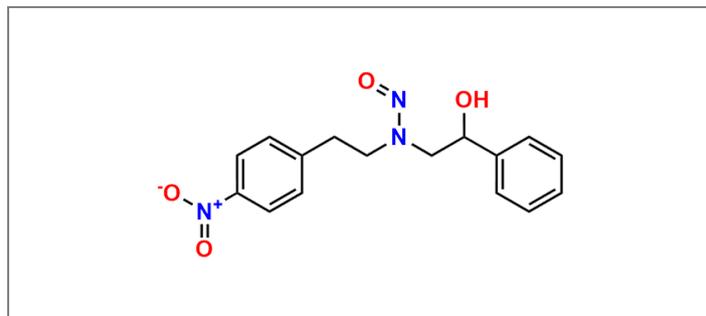
Molecular Formula : C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>O<sub>4</sub>

Molecular Weight : 315.3

Batch Number : CP-30-132

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.87%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



### 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.