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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

**Product Name: N-Nitroso Mirabegron Impurity 2**

### Identification:

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

Synonyms : NA

CAS Number : NA

CAT Number : CP-M21029

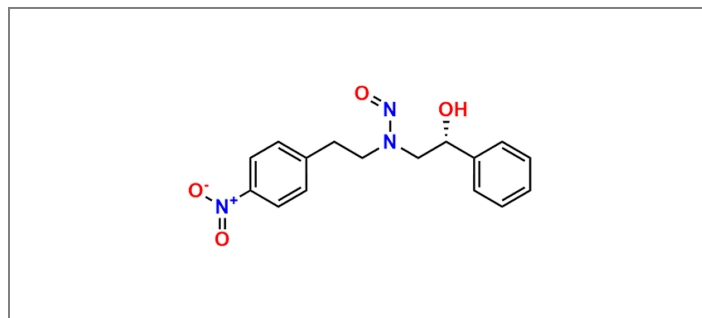
Molecular Formula : C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>O<sub>4</sub>

Molecular Weight : 315.33

Batch Number : CP-MIR-NIT2-1224

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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.30%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	0.457%
7)	Potency by TGA	98.84%



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.