

Certificate Header **SYNCHEMIA RESEARCH CHEMICAL**

Plot No.408, Prakash Industries, 1st Floor, Bhare Phata, Tal- Mulshi, Dist- Pune, Maharashtra India.

Mob.No: 9404317505 / 7276018915

Website: [www.synchemia.com](http://www.synchemia.com)

Email: [info@synchemia.com](mailto:info@synchemia.com) | [sales@synchemia.com](mailto:sales@synchemia.com) | [export@synchemia.com](mailto:export@synchemia.com)

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	: 4-Desmethoxy-4-Nitro Esomeprazole	
<b>CAS NO</b>	: 317807-10-6	
<b>Batch No</b>	: NA	
<b>Date of Analysis</b>	: NA	
<b>Retest Date</b>	: NA	
<b>Structure</b>	:	
<b>Chemical Name</b>	: 2-(((3,5-Dimethyl-4-nitropyridin-2-yl)methyl)sulfinyl)-5-methoxy-1H-benzo[d]imidazole	
<b>Molecular Formula</b>	: C <sub>16</sub> H <sub>16</sub> N <sub>4</sub> O <sub>4</sub> S	
<b>Molecular Weight</b>	: 360.4g/mole	
Sr. No.	Test	Result
1)	<b>Description</b>	NA
2)	<b>Solubility</b>	DMSO,METHANOL
3)	<b>Identification</b> 1.Mass 2.1H NMR 3.IR	Confirm to structure Confirm to structure Confirm to structure
4)	<b>Purity by HPLC</b>	NA
<b>Long Term Storage Condition</b> 2-8 degrees Celsius		

**Prepared and Reviewed By**

Certificate Header

Ms Ashwini Gaikwad  
(QC DEPARTMENT)

**Approved By**

Certificate Header

Ms Komal Kapase  
(QA DEPARTMENT)



**Note:** This is only for Analytical testing purpose, not for Human or Animal Consumption