

## INFRASTRUCTURE

LCMS



NMR



HPLC



ICP-MS



**SimSon Pharma Limited**  
Reference Standards | Research Chemicals | Research Services

## 3-LAYERS PACKAGING SYSTEM

### Primary Packing



Glass & Amber Vials

### Secondary Packing



HDPE Bottles with Ice Gel Pack

### Outer Packing



## OUR LOCATIONS

### Corporate Office:

B-307, Sarita Building, Prabhat Industrial Estate,  
Dahisar - (East), Mumbai - 400068  
Tel : 022-40068689 / 40148689  
Mob: 099208 62813  
Email : info@simsonpharma.com

### SimSon Research Center - Ahmedabad

Survey Number 375 Paiki 1, Plot Number 11,  
Shivam 5, Near Sumip Composite, Panchratna  
Estate, Village Changodar, Taluka Sanand,  
District Ahmedabad, Gujarat-382213.

### SimSon Life Sciences Laboratory - Hyderabad

Shed No, 6A, TYPE III, TSIIC,  
Prashanthi Nagar, Kukatpally,  
Hyderabad – 500072  
Tel: 040-40173345, Mob No: 7799369875  
Email: marketing@simsonlabs.com

### SimSon Pharma Factory - Vasai

Plot No. 61, Survey No 75, Opp Amaron  
Engineering, ahead of IPOL Lubricants,  
Waliv Sativali Road, Vasai(E),  
Maharashtra - 401208  
Email: sales@simsonpharma.com

[www.simsonpharma.com](http://www.simsonpharma.com)



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Reference Standards | Research Chemicals | Research Services



- Drug Impurity Standards
- Nitrosamine Impurity Standards
- Drug Impurities for Controlled Substances
- Research Chemicals
- Drug Metabolites & Glucuronides
- Isotope Labelled Compounds
- Calibration Standards

### For Inquiries:

Domestic : info@simsonpharma.com  
International : exports@simsonpharma.com  
CRO : cro@simsonpharma.com

[www.simsonpharma.com](http://www.simsonpharma.com)

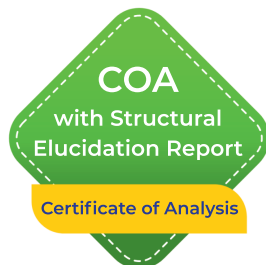




SCAN FOR  
INSTOCK PRODUCTS



## WE SUPPLY EACH PRODUCT WITH FULLY INTERPRETED AND CHARACTERIZED DATA:

- H-NMR
- <sup>13</sup>C NMR
- Mass Data
- FTIR Data
- HPLC Purity
- Volatile Content by TGA/NMR
- Ash Content by TGA
- Defined potency by Mass Balance method.



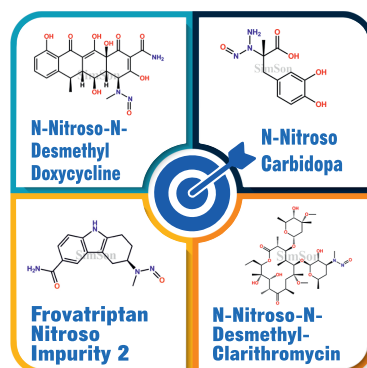
CERTIFICATE OF ANALYSIS (Certificate No.: SC24008-001-1906)		 <b>Simson Pharma Limited</b> (Reliable Suppliers   Research Chemicals   Research Services)	
Product Name: 1,4-DIHYDRO-2,6-DIMETHYL-4-OXO-3,4-DIHYDRO-2H-1,2,4-TRIAZIN-5(1H)-ONE		Report Date: 17/06/2024	
Chemical Name:	1,4-DIHYDRO-2,6-DIMETHYL-4-OXO-3,4-DIHYDRO-2H-1,2,4-TRIAZIN-5(1H)-ONE		
Structure:			
CAT No.:	1,4-DIHYDRO-2,6-DIMETHYL-4-OXO-3,4-DIHYDRO-2H-1,2,4-TRIAZIN-5(1H)-ONE		
Batch Number:	1,4-DIHYDRO-2,6-DIMETHYL-4-OXO-3,4-DIHYDRO-2H-1,2,4-TRIAZIN-5(1H)-ONE		
CAS No.:	1,4-DIHYDRO-2,6-DIMETHYL-4-OXO-3,4-DIHYDRO-2H-1,2,4-TRIAZIN-5(1H)-ONE		
Molecular Formula:	C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>2</sub>		
Molecular Weight:	240.26 g/mol		
Storage Condition:	Store at 25°C to 30°C		
Shipping Condition:	Ambient		
ANALYTICAL INFORMATION:			
No	TESTS	RESULTS	
1	DESCRIPTION	Off white solid	
2	SOLUBILITY	Soluble in DMF and MeOH	
3	IDENTIFICATION	Conforms to the Structure	
4	CHROMATOGRAPHIC PURITY	92.50%	
5	Volatile content by TGA	1.05% max	
6	Ash content by TGA	Nil	

## ADDITIONAL DATA CAN BE PROVIDED BASED ON REQUIREMENT

- Q-NMR
- CHNS
- UV
- RRF

## NITROSAMINE SYNTHESIS

- Largest Manufacturer of Nitrosamine impurities
- Complete characterization report with data
- We can synthesize complex Nitroso compounds
- We Synthesize Nitrosamine impurities of controlled API's
- In cases of non-formation of Nitroso Products, we provide detailed technical justification with analytical data.



Scan for All Nitrosamines



## ISOTOPE LABELLED COMPOUNDS:

SimSon Pharma Limited is the leading Manufacturer for Stable Isotope Labelled Compounds to support BA / BE Clinical studies.



### Stable Isotope Labelled Compounds used as:

Tracers in metabolism and Omic Studies using mass spectrometry or NMR spectroscopy

Internal standards In Quantitative Bioanalysis by LC / MS

Tools to enhance PK of drugs, drug candidates (Deuterium medicinal chemistry)

Tracers for assessing absolute bioavailability of drug candidate

+ and more...

Drug Metabolites

Drug Glucuronides

## DRUG IMPURITIES FOR CONTROLLED SUBSTANCES

### The SimSon Advantage:

- 20G license for handling Schedule – X drugs and related impurities
- All required licenses from Narcotics Control Bureau
- Form A for testing Narcotics, psychotropic and other controlled substances
- Dedicated Team for handling Logistic and Clearances

