

## 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, TSIC,  
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 Amarson  
Engineering, ahead of IPOL Lubricants,  
Waliv Sativali Road, Vasai(E),  
Maharashtra - 401208  
Email: sales@simsonpharma.com

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



SimSon Pharma Limited

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)

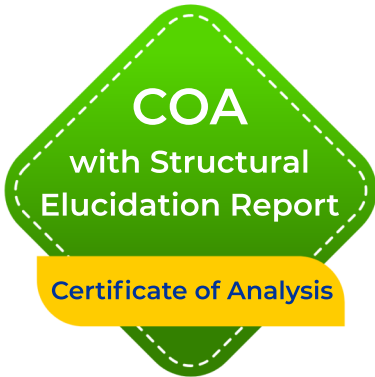


WE SUPPLY EACH PRODUCT WITH FULLY INTERPRETED AND CHARACTERIZED DATA:

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

ADDITIONAL DATA CAN BE PROVIDED BASED ON REQUIREMENT

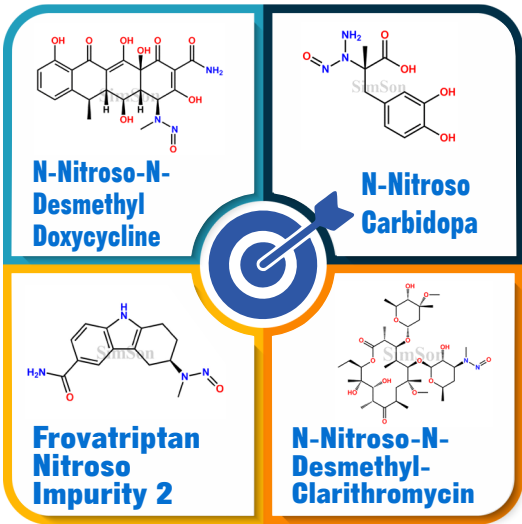
- Q-NMR
- CHNS
- UV
- RRF



CERTIFICATE OF ANALYSIS (Certificate No.: SP240528-02 / V.04)		
<div><div>SimSon Pharma Limited</div><div>Reference Standards   Research Chemicals   Research Services</div></div>		
Analysis Date : 28/05/2024      Re-test Date : 17/04/2027		
Product Name : D-HOMO B DERIVATIVE OF PREDNISOLONE		
Chemical Name : (1R,4S,8S,10R,10S,11S,12S)-11-ethynyl-10,12-dimethyl-2,8-dione-1,2,3,4,4a,4b,5,6,8a,10a,11,12,12a-tetradecahydrocyclopenta[1,4-b]pyridine-3-one		
Synonyms : 11-Homo-17alpha,20-Trihydroxy-21-one-14(15b-homopropene)-1,4-diene-3,16-dione-20-phosphonic acid		
CAT No. : P240011		
Batch Number : SR-SH-0015-125		
CAS No. : NA		
Molecular Formula : C <sub>24</sub> H <sub>34</sub> O <sub>8</sub>		
Molecular Weight : 440.52 g/mol		
Storage Condition : Store at 2°C to 8°C		
Shipping condition : Ambient		
ANALYTICAL INFORMATION:		
Sr No	TESTS	RESULTS
1	DESCRIPTION	Off white solid
2	SOLUBILITY	Soluble in DMSO and Methanol
3	IDENTIFICATION	
	1. IR-NMR	Confirms to the Structure
	2. MASS	Confirms to the Structure
	3. IR	Confirms to the Structure
	4. 13C-NMR	Confirms to the Structure
4	CHROMATOGRAPHIC PURITY (By HPLC, area Normalization)	92.30%
5	Volatile content By TGA (Weight Loss: 30°C to 105°C/30° to 105°, rate: 20°C/min)	1.91%w/w
6	Ash content by TGA	Nil
<div>Prepared By : Divya Galkwad      Approved By : Narendra Pal (Sign &amp; Date)      (Sign &amp; Date) 28/05/2024      28/05/2024</div> <div>Quality Accreditations: ISO 9001:2015, ISO 17034:2016, ISO/IEC 17025:2017, GLP Certified, DMRL Not for Human or Animal Consumption. Only for Analytical Testing Purpose</div> <div>SimSon Pharma Limited   Office: B-307, Sauria Building, Prabhat Infr. Estate, Nr. Dahisar Toll Naka, Dahisar (East), Mumbai - 400068. SimSon Life Sciences Pvt.Ltd. Shed No.6A, Type III, TSIIC, Prashanti Nagar, Kakapally, Hyderabad, Telangana-500072</div>		

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

