

# 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 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 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 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)



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)



SCAN FOR  
INSTOCK PRODUCTS

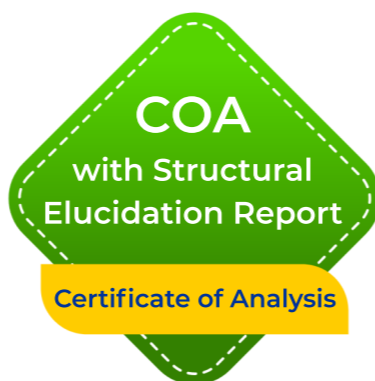


## WE SUPPLY EACH PRODUCT WITH FULLY INTERPRETED AND CHARACTERIZED DATA:

- 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.

## ADDITIONAL DATA CAN BE PROVIDED BASED ON REQUIREMENT

- Q-NMR
- CHNS
- UV
- RRF



CERTIFICATE OF ANALYSIS		SimSon Pharma Limited	
(Certificate No.: SPC251829 - 823 / V.01)		Reference Standards   Research Chemicals   Research Services	
Analysis Date:	28/10/2025	Re-test Date:	27/10/2027
Product Name:	D-HOMO B DERIVATIVE OF PREDNISOLONE		
Chemical Name:	(11R,4S,4S,16R,10R,11S,12S)-11-(4-hydroxy-10,12-dimethyl-2,8-dioxo-1,2,3,4,4b,5,6,8,10a,10b,11,12,12a-tetradecahydrocycrysen-1-yl)methyl dihydrogen phosphate		
Synonyms:	11 Beta,17alpha,20-Trihydroxy-21-one-14(15a-homopregnane-14-diene-3,16-dione-20-phosphat		
CAT No.:	P240011		
Batch Number:	SR-HAR-0066-034		
CAS No.:	2NA		
Molecular Formula:	C <sub>32</sub> H <sub>42</sub> O <sub>9</sub> P		
Molecular Weight:	440.42 g/mol		
Long term Storage Condition:	: 2 °C to 8 °C		
Shipping Condition:	: Ambient		
ANALYTICAL INFORMATION:			
Sr No	DESCRIPTION	TESTS	RESULTS
1	DESCRIPTION		White solid
2	SOLUBILITY		Water
3	IDENTIFICATION		
	1. 1H-NMR		Conforms to the structure
	2. MASS		Conforms to the structure
	3. IR		Conforms to the structure
	4. 13C-NMR		Conforms to the structure
4	PURITY (By HPLC)		99.22%
	(By HPLC, area Normalization)		
5	WEIGHT LOSS (By TGA)		1.68% w/w
	Weight Loss: (30°C to 105°C)/30° to 450°C, rate: 20°C/min		
6	DEFINED POTENCY (By Mass Balance Method)		96.56% w/w
	% = 100% Weight Loss by TGA + HPLC Purity (100)		
Not for Human or Animal Consumption. Only for Analytical Testing Purpose			
Prepared By:	Saejay Patel	Approved By:	Janmay Shah
(Sign & Date)	28/10/2025	(Sign & Date)	28/10/2025
Quality Accreditations: ISO 9001:2015, ISO 17034:2016, ISO/IEC 17025:2017, GLP Certified, DSR			
SimSon Pharma Limited Office: B-307, Sarita Building, Prabhakar Inad, Estate: No. Dabhoi Toll Naka, Dabhoi (East), Mumbai - 400068.			
SimSon Life Sciences Pvt.Ltd (Shed No:6A, Type III, TSIIC, Prashanti Nagar, Kakapally, Hyderabad, Telangana-500072			

## 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

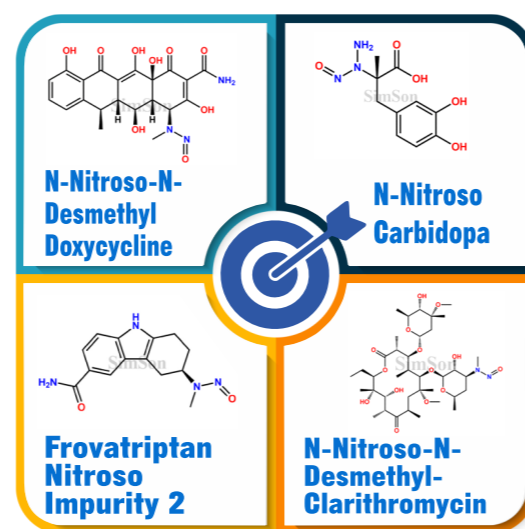
➕ and more...

Drug Metabolites

Drug Glucuronides

## 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



## 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

