



MOLSYNS
RESEARCH

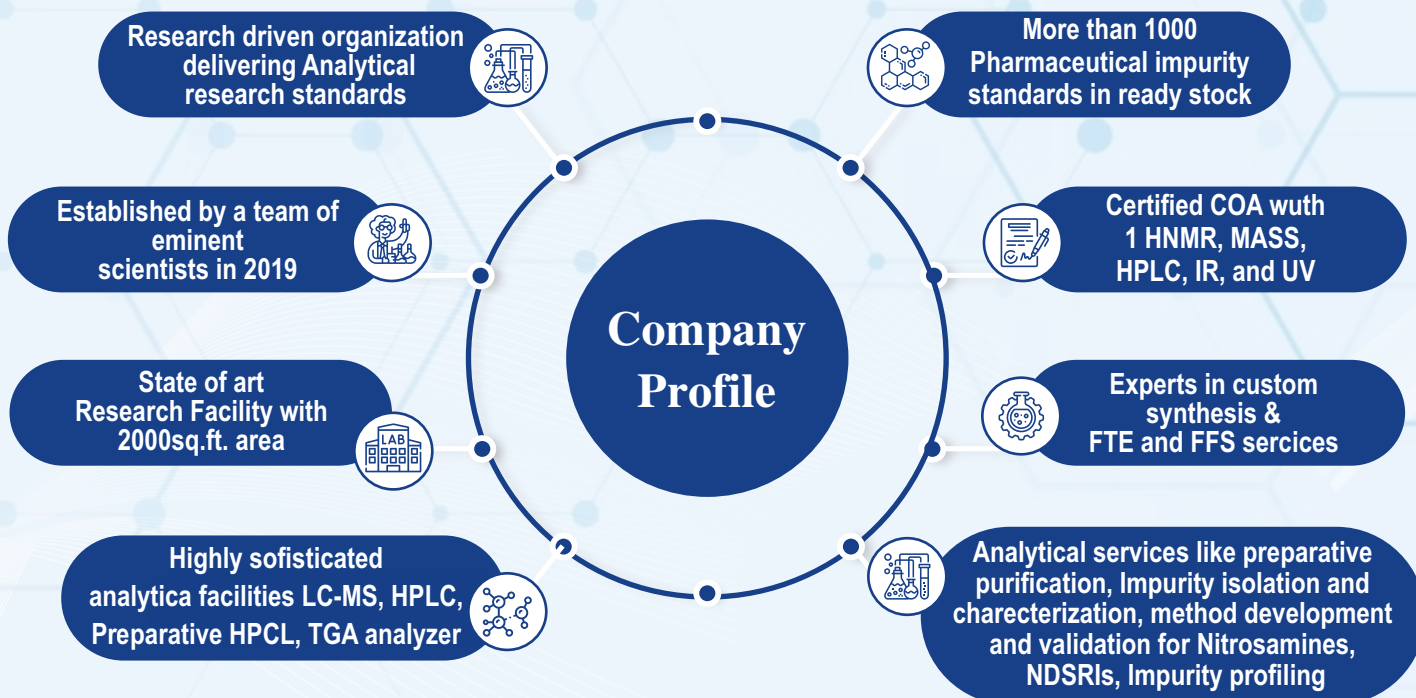
Drug impurities-Reference standards-Working standards-Custom synthesis



Providing Best Research Based Comprehensive Solution To Pharmaceutical Industry

MOLSYNS RESEARCH

Trusted research Partner



Area of our scientific excellence

Pharmaceutical Impurity & Standards

- ❖ Custom synthesis as per client's requirements with minimum lead time
- ❖ Isolation, Characterization of Unknown impurities with structure elucidation
- ❖ Each product provided with detailed Certificate of Analysis
- ❖ Fast delivery, efficient and prompt customer service
- ❖ In-house manufacturing and characerization of bile acids like GCA, GDCA, TDCA etc


- ❖ Nitrosamine and NDSRI Impurity Synthesis
- ❖ Peptide / Peptide building blocks Synthesis
- ❖ Enantioselective Chiral Synthesis
- ❖ API route scouting and technology Transfer
- ❖ Advanced API intermediates synthesis route development

Organic & Medicinal Chemistry Services

Analytical Services

- ❖ Preparative purification and compound characterization
- ❖ Analytical method development and validation of Nitrosamines and NDSRIs by LCMSMS
- ❖ Method validation services
- ❖ Impurity profiling and other analytical services

Pharmaceutical impurity reference standards supplied with Certificate of Analysis



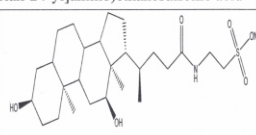
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✉ info@molsyns.com

📍 134, Swetayan Industrial Estate,
Opp. Bahuchar Party Plot, Kathwada - Singarva Road,
Kathwada, Ahmedabad-382430

CERTIFICATE OF ANALYSIS

Compound Name: Sodium Taurodeoxycholate	
Synonyms: 2-([3 α ,12 α -Dihydroxy-24-oxo-5 β -cholan-24-yl]amino)ethanesulfonic acid	
Molsyns Catalogue #	MRL-B003003
CAS No.:	207737-97-1
Molecular Weight:	521.69 g/mol
Molecular Formula:	C ₂₆ H ₄₄ NO ₆ SNa
Batch No.:	MOL/5/22/119
Re-Test date:	MAY2025



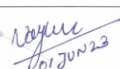
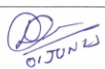
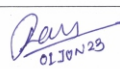
Analytical Data		
Test	Specification	Results
Description	Off white powder	Off White powder
¹H NMR	Confirms to Structure	Confirms
MASS	Confirms to Structure	Confirms
Purity (By HPLC)	>95.0%	98.8%
Total Unknown Impurity	Not more than 5.0%	1.2%
TGA	To be reported	3.3 @ 120°C
Potency	Not less than 90%	95.5%

Storage and Handling	
Storage condition	Store in refrigerator. Protect from light and moisture.
Shipping condition	This Product Is Stable To Be Shipped At Room Temperature.

Potency = 100 - Total impurity - Moisture content by TGA
 = 100 - 1.2 - 3.3
 = 95.5%

Data enclosed:
 1. HPLC chromatogram
 2. Mass Spectrum
 3. TGA data
 4. NMR Spectrum

The compounds only for R&D purpose, not for human consumption

Prepared By	Reviewed By	Approved By
 01 JUN 23	 01 JUN 23	 01 JUN 23





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R E S E A R C H



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