

Let's build a healthier world together

Core Values



Customer First

We prioritize customer satisfaction by exceptional service with an unwavering commitment.



Integrity

The virtue of honest communication, maintaining confidentiality, and transparent business practices.



Accountability

A culture of staying accountable for our result-oriented actions.



Collaborative Intent

Focus on consultative approach and relationship-based collaborations.



Quality

Right quality, right the first time, and every time.



Infrastructure & Team

Our facility

- 20000Sq ft own facility with parking area, Emergency assembly point, Garden area
- Sophisticated fume hoods (6 feet)
- Digital magnetic stirrers with sensors
- Rotovapors in the ratio of 1:3 chemist
- Steel bomb
- mPLC (Combi Flash)
- Four digit weighing balances

Our team

- 40+ members scientific team . Combination of PhD and MSC scientists

Kilo Lab

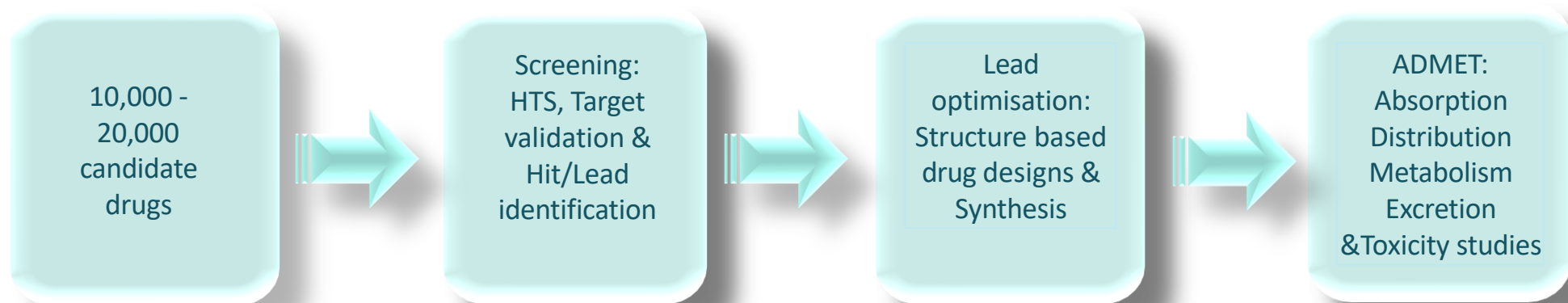
- 200 L glass reactor (2 Nos)
- Heating/cooling system: -90°C to $+150^{\circ}\text{C}$
- 20 L high vacuum distillation unit
- Pressure Nutsche filter, centrifuge
- Tray dryer
- Autoclave (2 L & 25 L)

Our Analytical facility



- NMR: Bruker 400 MHz
- LC-MS: Shimadzu LCMS SQ 2020 & i-Series Plus HPLC with PDA detector
- HPLC: i-Series Plus HPLC with PDA detector
- Preparative HPLC: Shimadzu's latest Nexera Preparative with SIL-10AP & FRC-40 HPLC
- system Combi flash: Combi flash Next Gen 300
- Karl Fischer Titrator
- Melting Point Apparatus

Discovery Chemistry Services



Chemistry we deal...

- Heterocycles
- Chiral Chemistry – Chiron & Asymmetric synthesis
- Total Synthesis of NCEs/Natural products
- Organometallics
- Unnatural amino acids
- Small peptides: Solution phase up to hexamers
- Carbohydrates & Aza sugars
- Nucleoside building blocks
- PROTAC Chemistry
- ADC Linkers

Process R&D and Manufacturing

- Chemical Synthesis - Route proposal, Selection and Synthesis
- Process Development – Reaction optimization, Scale up studies, Product purification,
- Safety studies, Quality control, Process validation and Technology transfer
- Analytical chemistry – Data analysis & interpretation, Method development & validation, Reporting the results & documentation
- Scale up & Manufacturing (Collaboration with partnered manufacturing unit located in Hyderabad surroundings)
- Quality Assurance and Quality Control
- Project Management & Customer collaboration

Partnered manufacturing unit infrastructure capabilities

Reactors range	1 KL to 10 KL
Total Capacity	Up to 100 KL
Largest Reactor	10 KL
Hydrogenator	2.5 KL@ 30Bar; 500 L@ 100Bar
Operational Since	Year 2019

A few collaborations/associations

US & CANADA



EU & UK

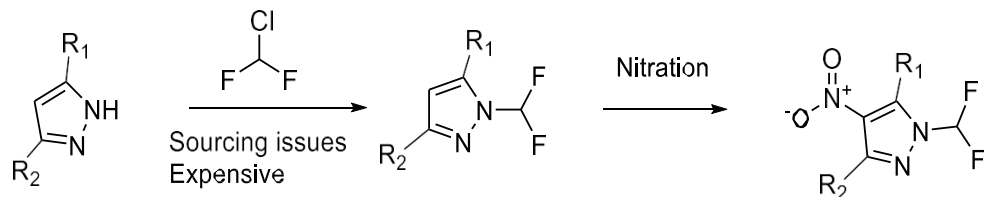


INDIA & ROW

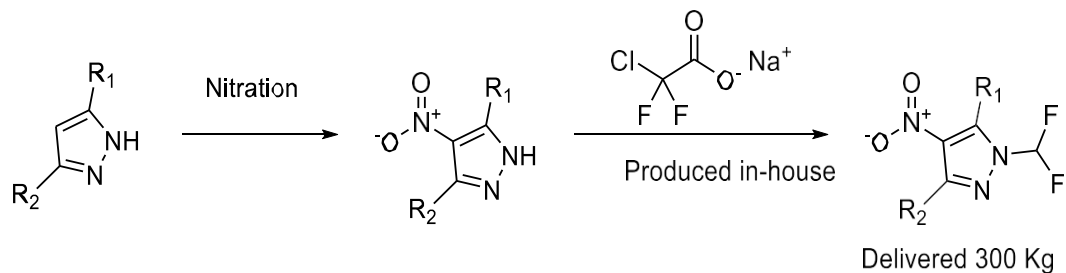


Case study: Pyrazole derivative

Proposed Route:

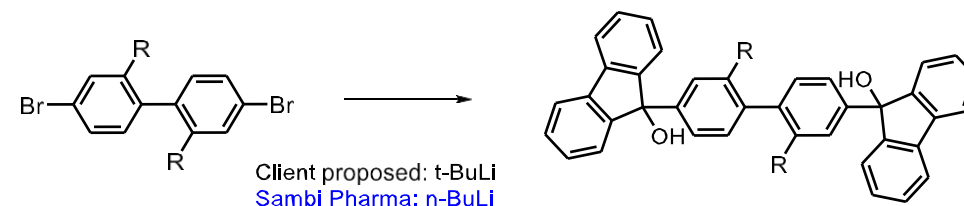


Sambi Pharma Route:



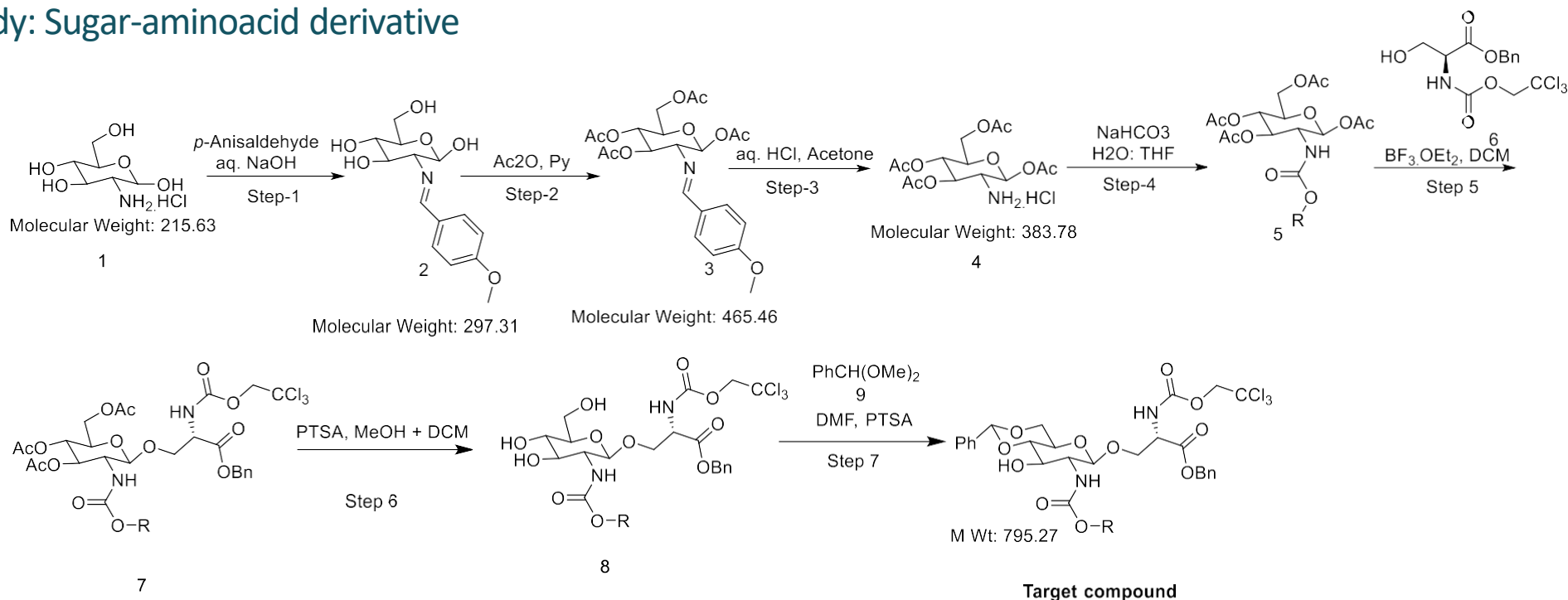
- Procuring Di-Fluoro-chloromethane was challenging
- Process sequence changed and Difluorination optimised using Sodium Difluorochloro acetate
- Sodium Difluorochloroacetate production developed in-house and used
- The product produced in commercial scale

Case study: Bi-Phenyl derivative



- Avoided extremely pyrophoric tert-BuLi, developed a method using n-BuLi
- Product amorphous in nature, client required crystalline granules
- Recrystallisation successfully optimised in Cyclohexanone and demonstrated in commercial
- batches

Case study: Sugar-aminoacid derivative

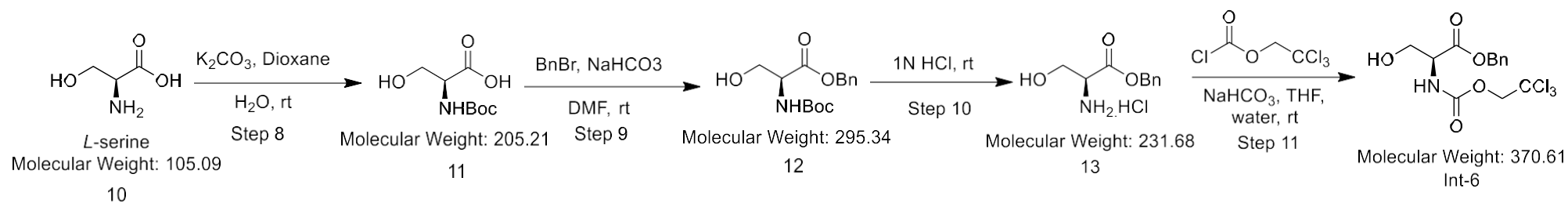


For Int-8: While Acetate de-protection Bn ester hydrolysis is evident, Hence

Client Proposed steps from Int-7 to Int-8: De-Benzylation-Hydrolysis of acetates-Benzylation (3 steps)

Sambi route: Successfully developed PTSA, MeOH+DCM condition to selective cleavage of acetates

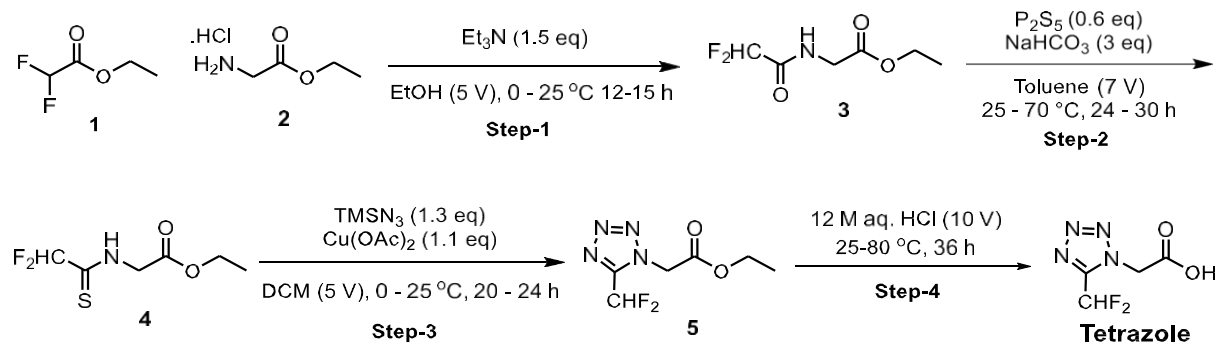
Int-6 Synthesis



Client Proposed route: 4 steps

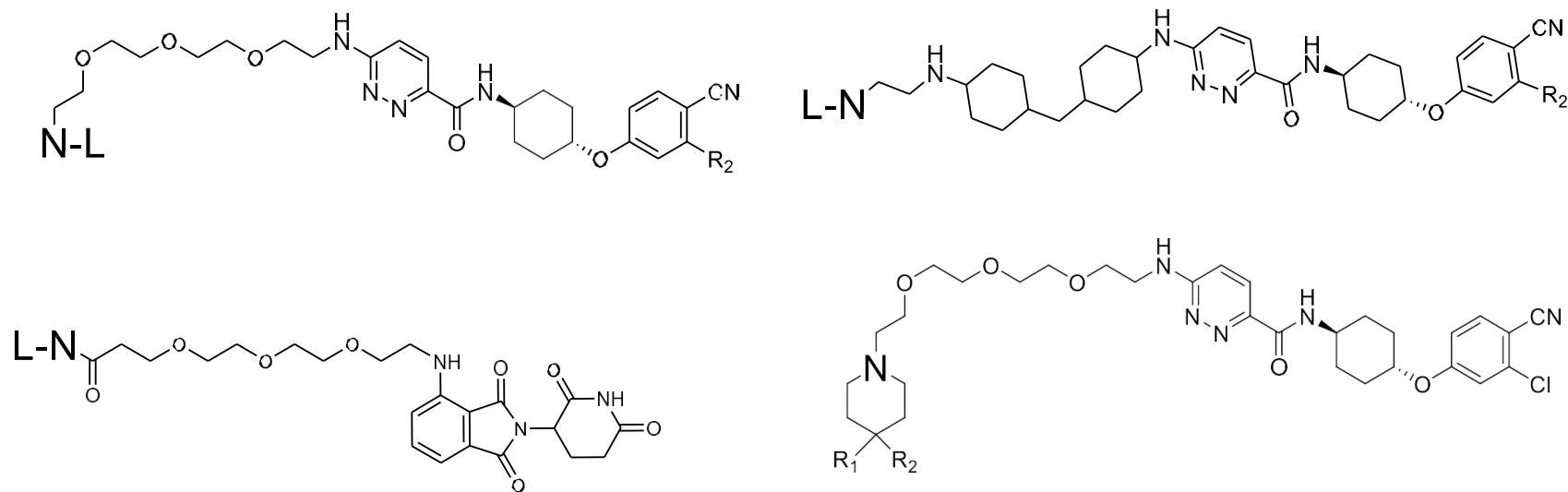
Sambi Pharma: Process developed & delivered in two steps, Troc protection-Benzylation

Case study: Tetrazole derivative

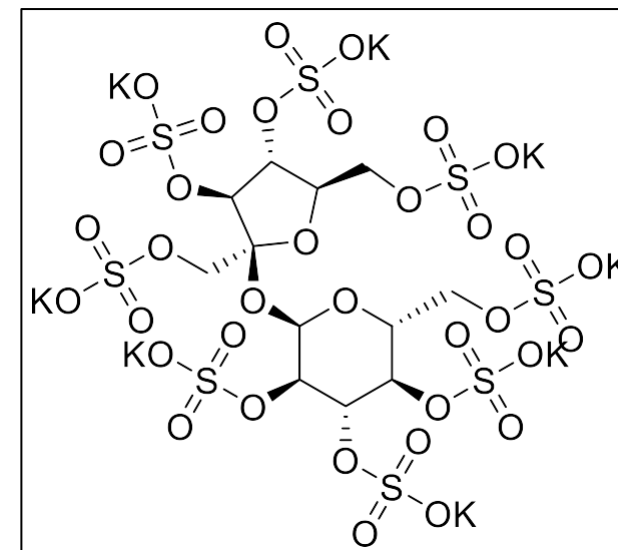
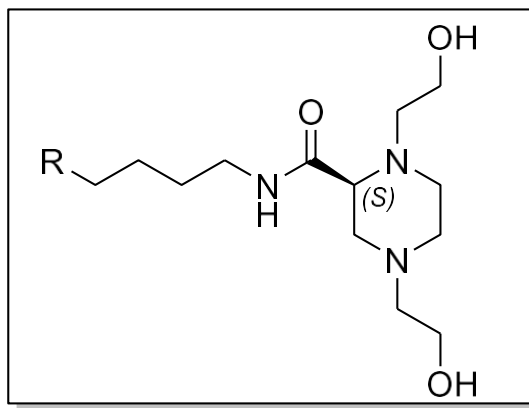
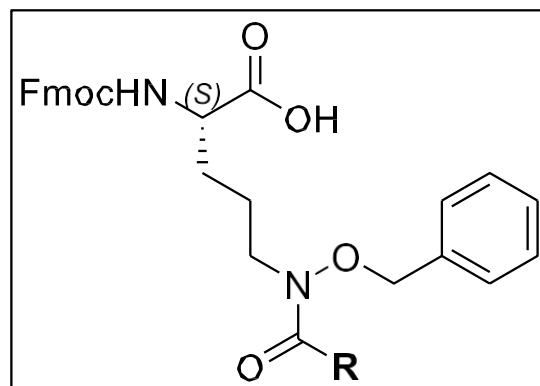
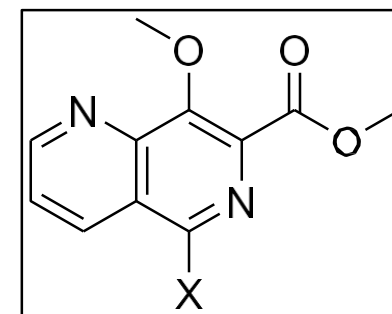
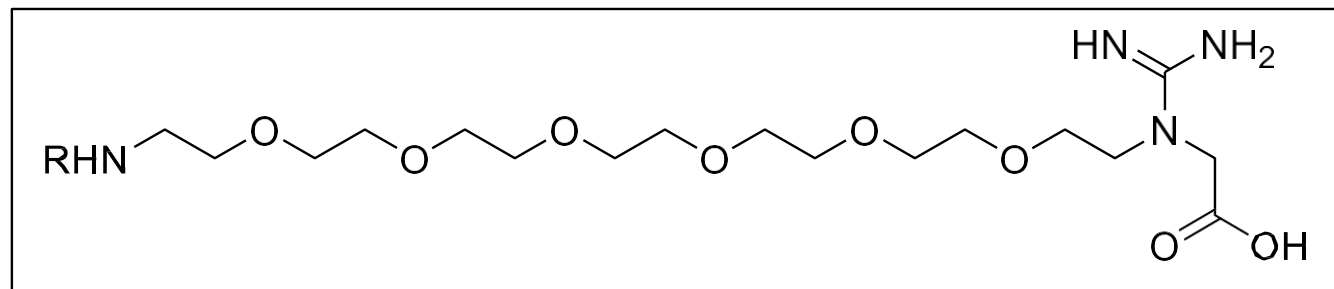
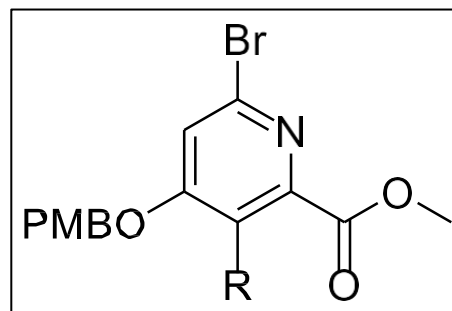
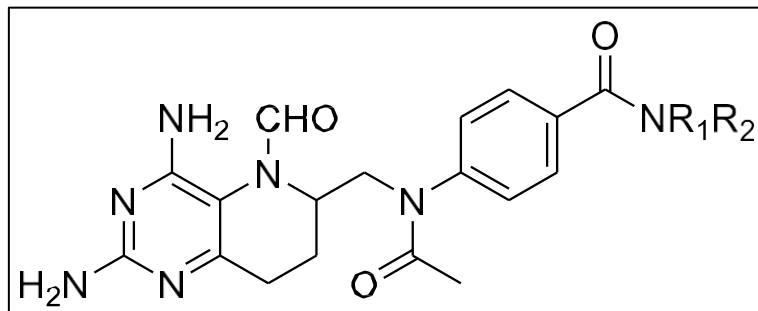


- **Step-3:** Is a key reaction and exothermic. The reaction was optimised using slow addition of TMS-Azide
- **Delivered in multi-Kg quality**

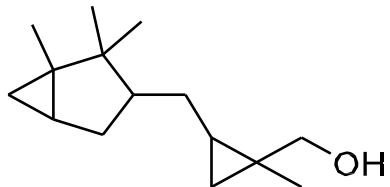
A few Compound derivatives supplied to our clients - PROTACS



A few Compound derivatives supplied to our clients



Important Fragrance compounds

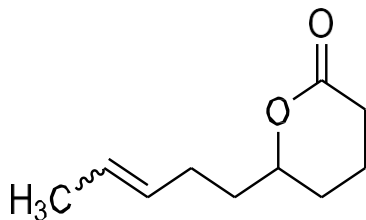


SANDAL CYCLOPROPANE

Other names: Javanol; Lokanol

Fragrance Profile: Rich, natural, creamy sandalwood note with a touch of rosy nuances

CAS No.	198404-98-7
Purity by GC (Area%)	≥ 85% (Sum of isomers)
Appearance	Colourless to pale yellow liquid
Other Names	Javanol
Molecular Formula	C ₁₅ H ₂₆ O
Molecular Weight	222
Standard packing	HDPE drums / Aluminum cans
Quantity	> 1MT/Month
Application	Fine fragrances, cosmetics
Storage Conditions	Cool and closed containers



JASMOLACTONE

Other names: Delta-3-Pentenyl Lactone

Fragrance Profile: Fruity, coconut, jasmine, peach, apricot

CAS No.	32764-98-0
Purity by GC (Area%)	≥ 95% (Sum of isomers)
Appearance	Colourless to pale yellow liquid
Other Names	JASMOLACTONE
Molecular Formula	C ₁₀ H ₁₆ O ₂
Molecular Weight	168.24
Standard packing	HDPE drums / Aluminum cans
Quantity	> 1MT/Month
Application	Fragrances, cosmetics and soaps
Storage Conditions	Cool and closed containers

Facility pictures



Facility pictures-Combi flash & Lyophilizer



Analytical lab



Kilo Lab



Autoclave (25 L & 2L)



Air Tray Drier



Store Pictures



Thank You