

Analysis Date: 20-12-2025

Re-test Date: 20-12-2028

## TERBINAFINE IMPURITY 28

### Identification

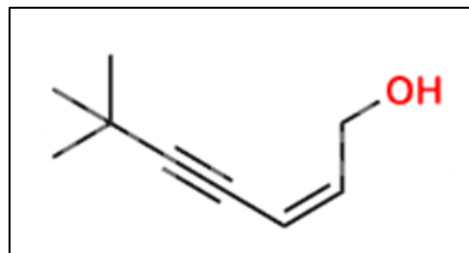
Chemical Name : (Z)-6,6-Dimethylhept-2-en-4-yn-1-ol

CAT No : ALL-TERB-14

CAS No : 1494739-91-1

Molecular Formula : C<sub>9</sub>H<sub>14</sub>O

Molecular Weight : 138.2



### Analytical Information

Batch N.A.	: ALL-TERB-14	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 95.70 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.992 %	<sup>1</sup> HNMR	: Confirm
Residue Of Ignition	: 0.345 %		

### Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (1.992+0.345) × 99.98]/100 = 95.70 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

#### Corporate Office