



CERTIFICATE OF ANALYSIS

Date: 30-01-2026

Product Name	Jacobine		
Chemical Name	(1R,2'S,3'S,6R,7R,17R)-7-Hydroxy-3',6,7-trimethylspiro[2,9-dioxa-14-azatricyclo[9.5.1.014,17]heptadec-11-ene-4,2'-oxirane]-3,8-dione		
Structure	<p>The chemical structure of Jacobine is a complex polycyclic compound. It features a tricyclic core with a nitrogen atom at one of the vertices. Attached to the core are several substituents: a hydroxyl group (OH) on one of the rings, a 17R-hydroxyl group on the spiro ring, and a 7R-hydroxyl group on the oxirane ring. There are also three methyl groups (Me) and two carbonyl groups (C=O).</p>		
Batch No.	-	CAS No.	6870-67-3
Analysis Date	-	Retest Date	2
Mol. Formula	C ₁₈ H ₂₅ NO ₆	Molecular Wt.	351.4
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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