

CERTIFICATE OF QUANLITY

Product: rac-GR24

(3aR*,8bS*,E) -3- ((R*) -4-methyl-5-oxo-2,5-dihydrofuran-2-yloxy) methylene)
-3,3a,4,8b-tetrahydro-2H-indeno[1,2-b]furan-2-one

Grade: Biotechnology Grade

CAS Number: 76974-79-3

Molecular Formula: C₁₇H₁₄O₅

Molecular Weight: 298.29

Storage Condition: 2-8°C

Code: CR9420

LOT Number: CR26172860

Description:

Assay	Technical indexes	Result
Appearance	White powder	PASS
Identification(HNMR)	Conform to the reference spectrum	PASS
TLC	The position and color of the main spot of the product should be consistent with the reference substance	The position and color of the main spot of the product are consistent with the reference substance
HPLC	The retention time of the main peak of the product should be consistent with the reference substance	The retention time of the main peak of the product is consistent with the reference substance
EA	C: 67.08%-69.82% H: 4.62%-4.80%	C: 68.19% H: 4.70%
Purity (HPLC)	NLT:98%	99.9%
Melting Point	154 ± 1 °C	154 °C

Signature	<i>Zhifa Ni</i>
Review	QC MANAGER
Date	06/19/2016