

Certificate Of Analysis

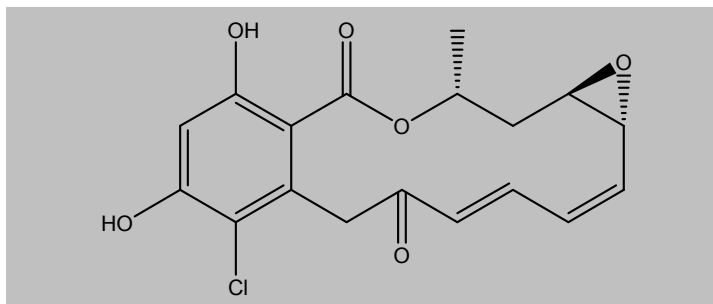
Quality Control Testing and Research Application

COA Preparation Date: 27/10/2014
COA Revision Date: 27/10/2017

Product: Radicol
Cat. No.: BN0437
Batch No.: 0437BN/01
Chemical Name: (1aR,2Z,4E,14R,15aR)-8-Chloro-1a,14,15,15a-tetrahydro-9,11-dihydroxy-14-methyl-6H-oxireno[e][2]benzoxacyclotetradecin-6,12(7H)-dione

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₈H₁₇ClO₆
Batch Molecular Weight: 364.78
CAS No.: [12772-57-5]
Physical Appearance: White powder
Melting Point: 195 - 198° C
Solubility: Soluble to 25 mM in ethanol
Storage: Desiccate at -20° C
Batch Molecular Structure:



Product Description: Antifungal antibiotic. Inhibits Hsp90 activity by binding to the ATP-binding pocket, subsequently suppressing cell transformation induced by src, ras and mos. Represses estrogen receptor transcriptional activity. Also inhibits *in vivo* angiogenesis.

References: 1. Oikawa et al. (1993) Eur J Pharmacol 241:221; 2. Schulte et al. (1999) Mol Endocrinol 13:1435; 3. Lee et al. (2002) Mol Cell Endocrinol 188:47

- CAUTION - Not fully tested. For Research use only. Not for human use. -



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2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: Heavy Metals: < 20 PPM (complies); HPLC Assay: > 99% (complies).

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