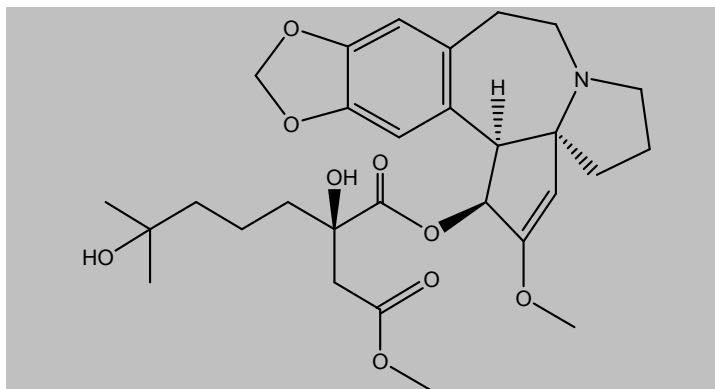


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 24/09/2014
COA Revision Date: 24/09/2017

Product: Homoharringtonine
Cat. No.: BN0255
Batch No.: 0255BN/01
Chemical Name: Cephalotaxine 4-Methyl (2*R*)-2-hydroxy-2-(4-hydroxy-4-methylpentyl) butanedioate

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₉H₃₉NO₉
Batch Molecular Weight: 545.62
CAS No.: [26833-87-4]
Physical Appearance: White crystalline solid
Melting Point: 145 - 147° C
Solubility: Soluble to 100 mM in DMSO or to 50 mM in ethanol
Storage: RT
Batch Molecular Structure:



Product Description: Protein synthesis inhibitor and antileukemic. Blocks elongation phase of translation by binding to the 60-S ribosome subunit.

References: 1. Fresno et al. (1977) Eur J Biochem 72:323; 2. Zhou et al. (1995) Bull Cancer 82:987; 3. Cai et al. (2001) Leukemia 15:567; 4. Kantarjian et al. (2001) Cancer 92:1591

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



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BN0255 Homoharringtonine

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: Loss on drying: 1.05% (complies); Residue on ignition: 0.13% (complies);
Heavy Metals: < 10 PPM (complies); Assay: > 99% (complies).

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