

## Product Datasheet

### GX7542 - Cephalotaxine

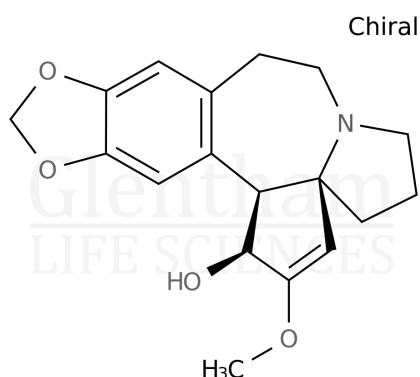
UN Number, Class, PG UN1544 - 6.1 - PG III  
(RID)

#### Product Details

Product Name Cephalotaxine  
Glenthams Code GX7542  
CAS Number 24316-19-6

#### Structure

Molecular Weight : 315.36  
Molecular Formula :  $C_{18}H_{21}NO_4$



#### Glenthams Product Specification

Physical Description : White to off-white solid or powder  
Identification (1H-NMR) : To conform to structure  
Melting Point :  $\geq 125^{\circ}\text{C}$   
Purity (TLC) :  $\geq 97\%$   
Version : v1.0

#### About Cephalotaxine

Cephalotaxine is a benzazepine alkaloid found in *Cephalotaxus harringtonia*, an evergreen shrub from Japan. It is an antiviral agent that has potential applications in the treatment of hepatitis B. Cephalotaxine is also an antitumour agent that works by inhibiting protein translation.

#### Storage

Recommended storage temperature:  $+4^{\circ}\text{C}$ .

#### Hazards and Transport

CLP Classification Acute Tox. 4, Acute Tox. 4,  
Acute Tox. 4  
Signal Word Warning  
Hazard Codes H332, H312, H302  
Precautionary Codes P280, P302+P352,  
P304+P340, P301+P312  
Pictograms



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