

## 1. Identification

### Catalogue Number

B689315

### Lot Number

3-MJJ-193-1

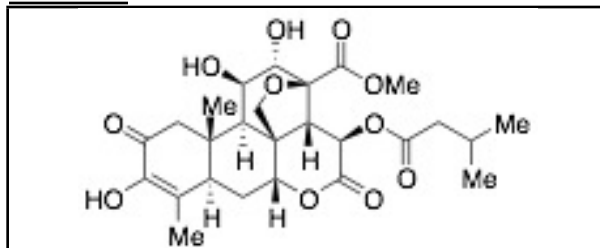
### Product Name

Bruceantin A

### Synonyms

3a,4,5,6aβ,7,7aα,10,11,11a,11bα-decahydro-1β,2α,4β,9-tetrahydroxy-8,11aβ-dimethyl-5,10-dioxo-2H-3,11cβ-(epoxymethano)phenanthro[10,1-bc]pyran-3α(1H)-carboxylic acid, , methyl ester, 4-isovalerate (8Cl); Bruceine A; Dihydrobrusatol; NSC 310616

### Structure



### CAS Number

25514-31-2

### Solubility

DMSO (Slightly), Methanol (Slightly)

### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>26</sub>H<sub>34</sub>O<sub>11</sub>

### Source of Product

N/A

### Long Term Storage Conditions

-20°C, Hygroscopic

### Molecular Weight

522.54

### Purity

95%

## 2. Warnings

## 3. Analytical Information

### Tests

Appearance

### Specifications

White to Off-White Solid

### Results

White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 59.87, %H: 6.79

HPLC Purity

Report Result

96.22% (280 nm)

MS

Conforms to Structure

Conforms

### Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

### Reviewed by

Evan Burns

### Reviewed by



### C of A Approved by



### Test Date

8/4/2022

### Retest Date

8/2/2026

Evan Burns

Toni Rantanen

Chanell Chu

Product Quality Specialist

Manager, Quality Assurance

Jr. Quality Assurance