

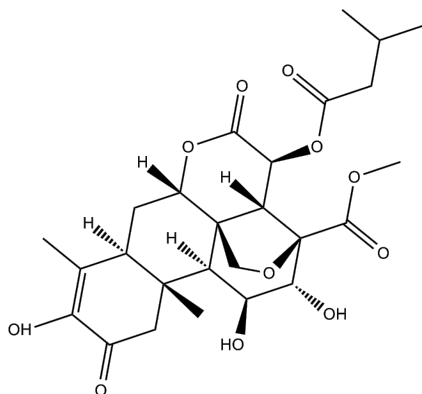
Certificate of Analysis

Product Name: Bruceine A
Cat. No.: GC17948
Batch No.: 3
Chemical Name: (1R,2S,3S,3aS,3a1R,4R,6aR,7aR,11aS,11bR)-methyl 1,2,9-trihydroxy-8,11a-dimethyl-4-((3-methylbutanoyl)oxy)-5,10-dioxo-2,3,3a,4,5,6a,7,7a,10,11,11a,11b-dodecahydro-1H-3,3a1-(epoxymethano)dibenzo[de,g]chromene-3-carboxylate

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 25514-31-2
Molecular Formula: $C_{26}H_{34}O_{11}$
Molecular Weight: 522.54
Storage: Store at -20°C, protect from light

Chemical Structure:



ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98.50%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA