

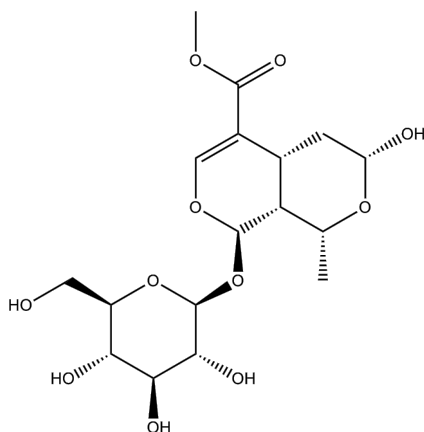
Certificate of Analysis

Product Name: Morroniside
Cat. No.: GN10360
Batch No.: 1
Chemical Name: methyl 3-hydroxy-1-methyl-8-[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-1,3,4,4a,8,8a-hexahydropyrano[3,4-c]pyran-5-carboxylate

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 25406-64-8
Molecular Formula: C₁₇H₂₆O₁₁
Molecular Weight: 406.15
Storage: Store at 2-8°C, protect from light

Chemical Structure:



ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98.00%
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