

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: GU104003

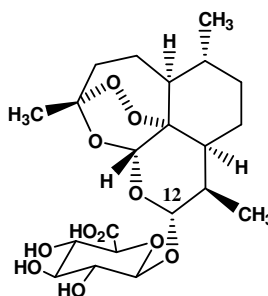
CAS No.: 198976-06-6

Product Name: Dihydroartemisinin-12- $\alpha$ -O- $\beta$ -D-Glucuronide

Other Names: (3R,5aS,6R,8aS,9S,12R,12aS)-Decahydro-3,6,9-trimethyl- 3,12-epoxy -12H-pyrano[4,3-j]-1,2-benzodioxepin-10-yl  $\beta$ -D- Glucopyranosiduronic Acid; Dihydroartemisinin Glucuronide

Description: N/A

Structure:



Formula: C<sub>21</sub>H<sub>32</sub>O<sub>11</sub>

Mol.Wt.: 460.47

Exact Mass: 460.19

CHARACTERIZATION

PROPERTY	OBSERVATION
Appearance & Physical State:	White, solid powder
Proton NMR (CDCl <sub>3</sub> , 400 MHz):	Conforms
Mass Spectrometry (ESI-NEG):	Conforms, [M-H] = 459.3
Purity (>95% by NMR):	Conforms, >95%

BATCH INFORMATION

Lot No.:	XXXXXX
Date Prepared:	XXXXXX

NOTES

1. Store below -20°C.
2. Open when container and contents have reached room temperature.