



Certificate of Analysis

Orforglipron

3-[(1S,2S)-1-[5-[(4S)-2,2-dimethyloxan-4-yl]-2-[(4S)-2-(4-fluoro-3,5-dimethylphenyl)-3-[3-(4-fluoro-1-methylindazol-5-yl)-2-oxoimidazol-1-yl]-4-methyl-6,7-dihydro-4H-pyrazolo[4,3-c]pyridine-5-carbonyl]indol-1-yl]-2-methylcyclopropyl]-4H-1,2,4-oxadiazol-5-one

Compound : Orforglipron
Lot number : 2026-04-23
Analysis date : 2026-05-01
Quantity : 3.83 mg
Method : HPLC-UV-MS

Client : Healthspan Medical

PubChem CID: 137319706

<https://pubchem.ncbi.nlm.nih.gov/compound/137319706>

High Performance Liquid Chromatography (HPLC) UV



Orforglipron detected at 7.53 minutes

Background peaks due to capsule filler

Quantification by HPLC-UV

Replicates	mg/capsule
Orforglipron_r1	3.90
Orforglipron_r2	4.07
Orforglipron_r3	3.51
Average mg/capsule	3.83

Analysis Performed by
Ken Pendarvis, ChE
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2026-05-12

Note: Tablets and capsules contain fillers that cause extra peaks in UV and MS chromatograms. These peaks interfere with purity measurements, so purity is not reported for compounded products.

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Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

Molecular weight calculated using monoisotopic m/z values from mass spectrum

Expected monoisotopic mass : 882.38 Da

Measured monoisotopic mass : 882.44 Da

Molecular weight confirmed

Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides.

The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

Recorded MS spectrum



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