Certificate of Analysis

AV-412 (free base)

Cat. No.: HY-10346A CAS No.: 451492-95-8 Batch No.: 11609

Chemical Name: 2-Propenamide, N-[4-[(3-chloro-4-fluorophenyl)amino]-7-[3-methyl-3-(4-methyl-1-piperazinyl)-

1-butyn-1-yl]-6-quinazolinyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{27}H_{28}CIFN_6O$

Molecular Weight: 507.00

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 2 years

> -20°C 1 year

Chemical Structure:

ANALYTICAL DATA

Appearance: White to yellow (Solid) LCMS: Consistent with structure

Purity (LCMS): 98.33%

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.

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