Certificate of Analysis

Tunlametinib

Cat. No.: HY-132844

CAS No.: 1801756-06-8

Batch No.: 261032

Chemical Name: 6-Benzothiazolecarboxamide, 4-fluoro-5-[(2-fluoro-4-iodophenyl)amino]-N-(2-hydroxyethoxy)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₆H₁₂F₂IN₃O₃S

Molecular Weight: 491.25

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 98.25%

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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