Inhibitors

Certificate of Analysis

Gefitinib-d8

Cat. No.: HY-50895S 857091-32-8 CAS No .: Batch No.: 100505

Chemical Name: 4-Quinazolinamine, N-(3-chloro-4-fluorophenyl)-7-methoxy-6-[3-(4-morpholinyl-2,2,3,3,5,5,6,6-

d8)propoxy]- (9CI)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{22}H_{16}D_8CIFN_4O_3$

Molecular Weight: 454.95

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: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 98.42% **Isotopic Enrichment:** 98.66%

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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