



CERTIFICATE OF ANALYSIS

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1. Identification

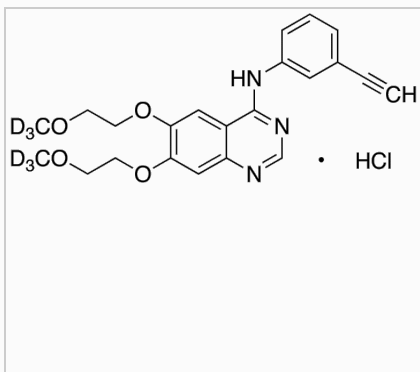
Catalogue Number: E625002

CAS Number: 1189953-78-3

Product: Erlotinib-d6 Hydrochloride

Synonym: N-(3-Ethynylphenyl)-6,7-bis(2-methoxyethoxy-d3)-4-quinazolinamine Hydrochloride; 6,7-Bis(2-methoxyethoxy-d3)-4-(3-ethynylanilino)quinazoline Hydrochloride; [6,7-Bis(2-methoxyethoxy-d3)quinazolin-4-yl]-(3-ethynylphenyl)amine Hydrochloride;

Structure:



Molecular Formula:

$C_{22}H_{17}D_6N_3O_4 \cdot HCl$

Molecular weight:

399.48 + 36.46

Source of Product:

Synthetic

Solubility:

DMSO (Slightly, Heated),
Methanol (Slightly, Heated)

Lot Number: 6-SKR-53-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Solid	White Solid
NMR	Conforms to Structure	Conforms
Isotopic Purity	>95%	>99.9% (d0 = 0.00%)
Elemental Analysis	Conforms	%C: 60.60, %H: 5.63, %N: 9.57
MS	Conforms to Structure	Conforms
Chloride Content	Report Result	7.19% by Ion Chromatography
HPLC Purity	Report Result	99.02% (245 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Chanell Chu	2/8/2022	2/6/2026

