Certificate of Analysis

Product Name	Umbralisib HCl
Catalog No.	V4754
Batch No.	V475401

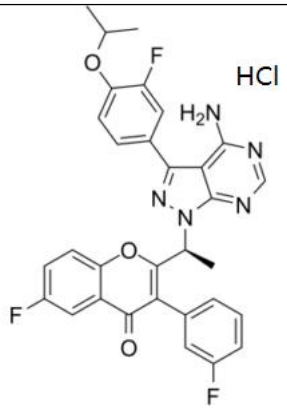
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C31H25ClF3N5O3
Molecular Weight	608.01
Purity	≥98.0%
CAS No.	1532533-78-0 (HCl)

2. Analytical Data

HPLC	Indicates ≥98.0% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

3. Structure



4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition
Long term storage (months)	-20 °C under dry condition

Products are for research use only • Not for human or veterinary use

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