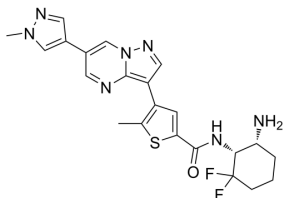


Certificate of Analysis

Product Name:	MARK-IN-1
Cat. No.:	CS-0022188
CAS No.:	1109283-93-3
Batch No.:	323196
Chemical Name:	2-Thiophenecarboxamide, N-[(1R,6R)-6-amino-2,2-difluorocyclohexyl]-5-methyl-4-[6-(1-methyl-1H-pyrazol-4-yl)pyrazolo[1,5-a]pyrimidin-3-yl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₂ H ₂₃ F ₂ N ₇ OS
Molecular Weight:	471.53
Storage:	2-8°C, protect from light
Chemical Structure:	



ANALYTICAL DATA

Appearance:	Light yellow to yellow (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	98.48%
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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