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Certificate of Analysis

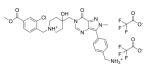
USP7-IN-9

| Cat. No.: | HY-146887 |
|----------------|--|
| Batch No.: | 253311 |
| Chemical Name: | 4-((3-(4-(Ammoniomethyl)phenyl)-2-methyl-7-oxo-2H-pyrazolo[4,3-d]pyrimidin-6(7H)-yl)methyl |
| |)-1-(2-chloro-4-(methoxycarbonyl)benzyl)-4-hydroxypiperidin-1-ium 2,2,2-trifluoroacetate |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C ₃₂ H ₃₃ ClF ₆ N ₆ O ₈ |
|--------------------|---|
| Molecular Weight: | 779.08 |
| Storage: | 4°C, sealed storage, away from moisture |
| | * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |

Chemical Structure:



ANALYTICAL DATA

| Appearance: | Light yellow to yellow (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| LCMS: | Consistent with structure |
| Purity (HPLC): | 98.10% |
| Conclusion: | The product has been tested and complies with the given specifications. |
| Purity (HPLC): | 98.10% |

Caution: Product has not been fully validated for medical applications. For research use only.

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