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## Certificate of Analysis

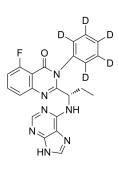
### Idelalisib-d<sub>5</sub>

Cat. No.:	HY-13026S
CAS No.:	1830330-31-8
Batch No.:	237073
Chemical Name:	(S)-2-(1-((9H-Purin-6-yl)amino)propyl)-5-fluoro-3-(phenyl-d5)quinazolin-4(3H)-one

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>22</sub> H <sub>13</sub> D <sub>5</sub> FN <sub>7</sub> O		
Molecular Weight:	420.45		
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)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	98.35%
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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