



Certificate of Analysis

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Product Name : SB-216
Cat. No. : PC-25918
CAS No. : 2756818-39-8
Batch No. : PC-2591801
Chemical Name : 7-Methoxy-4-(2-methyl-6,7-dihydro-5H-cyclopenta[d]pyrimidin-4-yl)-3,4-dihydroquinoxalin-2(1H)-one

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	:	310.36
Molecular Formula	:	C ₁₇ H ₁₈ N ₄ O ₂
Storage	:	Powder
		-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 6 Months
Chemical Structure	:	<p>The chemical structure of Caffeine is a purine derivative. It features a purine ring system with a methoxy group (-O-CH₃) at the 3-position. There are three methyl groups: one at the 1-position and two at the 7-position. The purine ring is fused with a pyrrolidine ring at the 2-position.</p>

ANALYTICAL DATA

Appearance	: Solid powder
^1H NMR Spectrum	: Consistent with
HPLC	: Consistent with
NP	: Consistent with
Purity (HPLC and/or LCMS)	: >98%
Conclusion	: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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