Certificate of Analysis

Pemetrexed (disodium hemipenta hydrate)

Cat. No.: HY-13781

CAS No.: 357166-30-4

Batch No.: 23059

Chemical Name: L-Glutamic acid, N-[4-[2-(2-amino-4,7-dihydro-4-oxo-3H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl]benzoyl]-, sodium salt, hydrate(2:4:5)

PHYSICAL AND CHEMICAL PROPERTIES

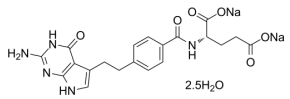
Molecular Formula: $C_{20}H_{24}N_5Na_2O_{8.5}$

Molecular Weight: 516.41

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)

LCMS: Consistent with structure

Purity (LCMS): 99.30%

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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