



Certificate of Analysis

Research Use Only - Not For Human Use

IDENTITY

Product: Semax 5mg
CAS No: 80714-61-0
PubChem CID: 9811102
Chemical Name: Semax
MG: 5mg

Physical and Chemical Properties

Molecular Formula	C37H51N9O10S
Molecular Weight	813.9g/mol
Chemical Structure	H-Met-Glu-His-Phe-Pro-Gly-Pro-OH

STORAGE

- Powder: -20°C 3 years ; 4°C 2 years ; 15°C 3 month
- In solvent: -80°C 6 months ; -2°C 1 month ; 10°C 1 week

Analytical Data

Attribute	Specification	Result
Appearance	White to off-white lyophilized solid powder	Conforms
Purity (HPLC)	≥ 99%	99.1%
Identity (MS)	Observed m/z consistent with expected	Conforms
Residual Solvents	Meets ICH limits	Conforms
Water Content	≤ 6%	Conforms

Conclusion: The product has been tested and complies with the given specifications. The product is intended for research purposes only and not for human consumption.