

Certificate of Analysis

Substance P (5-11) (TFA)

Cat. No.: HY-P3890A Batch No.: 290975

Chemical Name: 5-11-Substance P (TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{41}H_{60}N_{10}O_9S.xC_2HF_3O_2$

Molecular Weight: 869.04 (free base)

Storage: Sealed storage, away from moisture and light

> Powder -80°C 2 years -20°C 1 year

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) MS: Consistent with structure

Purity (HPLC): 97.16%

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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