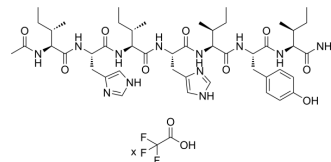


## Ac-IHIHIYI-NH2 TFA

<b>Cat. No.:</b>	HY-P6079A
<b>Molecular Formula:</b>	C <sub>47</sub> H <sub>72</sub> N <sub>12</sub> O <sub>9</sub> ·x C <sub>2</sub> HF <sub>3</sub> O <sub>2</sub>
<b>Sequence:</b>	Ac-Ile-His-Ile-His-Ile-Tyr-Ile-NH <sub>2</sub>
<b>Sequence Shortening:</b>	Ac-IHIHIYI-NH <sub>2</sub>
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	Sealed storage, away from moisture Powder    -80°C    2 years -20°C    1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	H <sub>2</sub> O : 1.98 mg/mL (ultrasonic and adjust pH to 3 with HCl)
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### BIOLOGICAL ACTIVITY

<b>Description</b>	Ac-IHIHIYI-NH <sub>2</sub> TFA is an amyloid self-assembling peptide variant that can be used as a bioactive nanomaterial with esterase activity <sup>[1]</sup> .
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### REFERENCES

[1]. Diaz-Espinoza R. Catalytically Active Amyloids as Future Bionanomaterials. *Nanomaterials* (Basel). 2022 Oct 28;12(21):3802.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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