

## Cys-TAT(47-57) TFA

<b>Cat. No.:</b>	HY-P1801A	
<b>Molecular Formula:</b>	C <sub>67</sub> H <sub>124</sub> N <sub>34</sub> O <sub>14</sub> S.xC <sub>2</sub> HF <sub>3</sub> O <sub>2</sub>	
<b>Sequence:</b>	Cys-Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg-NH <sub>2</sub>	
<b>Sequence Shortening:</b>	CYGRKKRRQRRR-NH <sub>2</sub>	CYGRKKRRQRRR-NH <sub>2</sub> (TFA salt)
<b>Target:</b>	HIV	
<b>Pathway:</b>	Anti-infection	
<b>Storage:</b>	Sealed storage, away from moisture and light, under nitrogen	
	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, under nitrogen)	

### BIOLOGICAL ACTIVITY

<b>Description</b>	Cys-TAT(47-57) (Cys-[HIV-Tat (47-57)]) is an arginine rich cell penetrating peptide derived from the HIV-1 transactivating protein.
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### REFERENCES

[1]. Bertrand SJ, et al. HIV-1 Tat protein variants: critical role for the cysteine region in synaptodendritic injury. Exp Neurol. 2013 Oct;248:228-35.

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

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