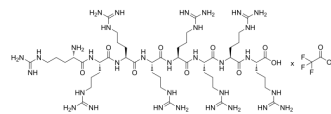


## Octaarginine TFA

Cat. No.:	HY-P2483A
Molecular Formula:	$C_{48}H_{98}N_{32}O_9 \cdot xC_2HF_3O_2$
Sequence:	Arg-Arg-Arg-Arg-Arg-Arg-Arg-Arg
Sequence Shortening:	RRRRRRRR
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Octaarginine TFA is a cell-penetrating peptide (CPP). CPPs show membrane translocation activities. CPPs are used for intracellular delivery of various membrane-impermeable bioactive agents because of their intrinsic ability to gain access to cell interiors. CPPs have also been used to deliver antibacterial agents to target intracellular bacteria<sup>[1]</sup>.

### REFERENCES

[1]. Poonam Ratrey, et al. Enhancing Aqueous Solubility and Antibacterial Activity of Curcumin by Complexing with Cell-Penetrating Octaarginine. ACS Omega. 2020 Jul 23;5(30):19004-19013.

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

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