

## Oxytocin free acid TFA

Cat. No.:	HY-P3216B
Molecular Formula:	C <sub>45</sub> H <sub>66</sub> F <sub>3</sub> N <sub>11</sub> O <sub>15</sub> S <sub>2</sub>
Molecular Weight:	1122.2
Target:	Others
Pathway:	Others
Storage:	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)

### BIOLOGICAL ACTIVITY

Description	Oxytocin free acid (9-Deamidooxytocin) TFA is an analog of oxytocin in which the glycinamide residue at position 9 in oxytocin has been replaced by a glycine residue. Oxytocin is a pleiotropic, peptide hormone with broad implications for general health, adaptation, development, reproduction, and social behavior <sup>[1][2]</sup> .
-------------	--

### REFERENCES

- [1]. Ferrier BM, et al. 9-Deamidooxytocin, an analog of the hormone containing a glycine residue in place of the glycinamide residue. J Med Chem. 1966;9(1):55-57.
- [2]. Carter CS, Kenkel WM, MacLean EL, et al. Is Oxytocin "Nature's Medicine"?. Pharmacol Rev. 2020;72(4):829-861.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA