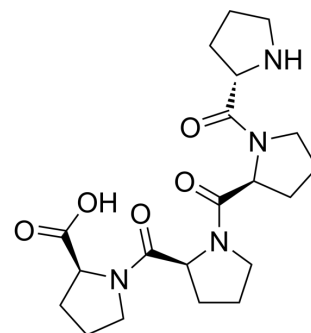


## Tetraproline

Cat. No.:	HY-P4272
CAS No.:	21866-90-0
Molecular Formula:	C <sub>20</sub> H <sub>30</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	406.48
Sequence:	Pro-Pro-Pro-Pro
Sequence Shortening:	PPPP
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tetraproline is a fragment sequence in tristetraproline (TTP). Recruitment of the 4EHP-GYF2 cap-binding complex to tetraproline motifs of tristetraproline promotes repression and degradation of mRNAs with AU-rich elements<sup>[1]</sup>.

### REFERENCES

[1]. Fu R, et, al. Recruitment of the 4EHP-GYF2 cap-binding complex to tetraproline motifs of tristetraproline promotes repression and degradation of mRNAs with AU-rich elements. RNA. 2016 Mar;22(3):373-82.

**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