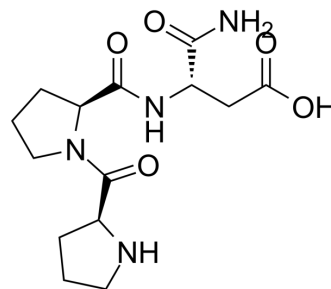


H-Pro-Pro-Asp-NH₂

Cat. No.:	HY-P4487
CAS No.:	850440-85-6
Molecular Formula:	C ₁₄ H ₂₂ N ₄ O ₅
Molecular Weight:	326.35
Sequence:	H-Pro-Pro-Asp-NH ₂
Sequence Shortening:	PPD
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

H-Pro-Pro-Asp-NH₂ is a potent and selective catalyst for asymmetric aldol reactions. H-Pro-Pro-Asp-NH₂ catalyzes aldol reactions between acetone and several aldehydes^{[1][2]}.

REFERENCES

- [1]. Revell JD, et al. Solid-supported and pegylated H-Pro-Pro-Asp-NHR as catalysts for asymmetric aldol reactions. *Biopolymers*. 2006;84(1):105-13.
- [2]. Jefferson D. Revell, et al. Investigating Sequence Space: How Important is the Spatial Arrangement of Functional Groups in the Asymmetric Aldol Reaction Catalyst H-Pro-Pro-Asp-NH₂? *Advanced Synthesis & Catalysis*, 2008, 1046-1052.

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

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