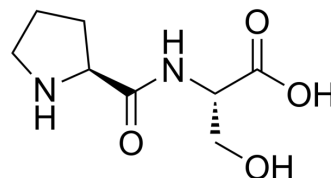


Prolylserine

Cat. No.:	HY-P4497
CAS No.:	71835-80-8
Molecular Formula:	C ₈ H ₁₄ N ₂ O ₄
Molecular Weight:	202.21
Sequence:	H-Pro-Ser-OH
Sequence Shortening:	PS
Target:	ERK
Pathway:	MAPK/ERK Pathway; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Prolylserine, a dipeptide, is an inhibitor of melanogenesis production in Mel-Ab cells. Prolylserine decreases expression of microphthalmia-associated transcription factor (MITF) and tyrosinase, induces phosphorylation of ERK, but not cAMP response element binding protein (CREB)^[1].

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

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