

Product Name: Pentigetide
Cat. No.: GC72203

Cas. No. 62087-72-3

Formula $C_{22}H_{36}N_8O_{11}$

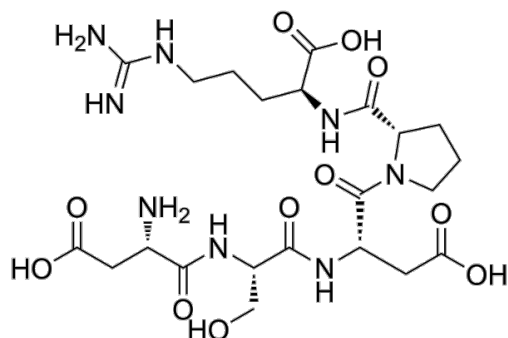
M.Wt 588.57

Solubility	DMSO : 50 mg/mL (84.95 mM; Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)	Storage	Sealed storage, away from moisture
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General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.
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Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.
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Structure



Pentigetide is a synthesis peptide (Asp-Ser-Asp-Pro-Arg or D-S-D-P-R), also known as "HEPP" for "Human IgE Pentapeptide". Pentigetide cannot produce IgE inhibition in several different systems, due to the aspartic acids in HEPP changed into an asparagine.

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

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Product Data Sheet

References:

[1]. Hamburger R N. Recent Studies with Human IgE Pentapeptide (HEPP)[M]//New Trends in Allergy. Springer, Berlin, Heidelberg, 1981: 311-319.

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