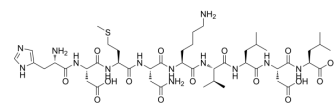


## Antiflammin 2

Cat. No.:	HY-P2606
CAS No.:	118850-72-9
Molecular Formula:	C <sub>46</sub> H <sub>77</sub> N <sub>13</sub> O <sub>15</sub> S
Molecular Weight:	1084.25
Sequence:	His-Asp-Met-Asn-Lys-Val-Leu-Asp-Leu
Sequence Shortening:	HDMNKVLDL
Target:	Platelet-activating Factor Receptor (PAFR)
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (92.23 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mM	0.9223 mL	4.6115 mL
5 mM			0.1845 mL	0.9223 mL	1.8446 mL
10 mM			0.0922 mL	0.4611 mL	0.9223 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Antiflammin 2 inhibits the synthesis of platelet-activating factor (PAF) with the IC<sub>50</sub> of 100 nM<sup>[1]</sup>.

### REFERENCES

[1]. G Camussi, et al. Antiinflammatory peptides (antiflammins) inhibit synthesis of platelet-activating factor, neutrophil aggregation and chemotaxis, and intradermal inflammatory reactions. J Exp Med. 1990 Mar 1;171(3):913-27.

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

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