

Product datasheet

AY-NH2, PAR4 agonist peptide ab120179

Overview

Product name	AY-NH2, PAR4 agonist peptide
Description	PAR4 agonist peptide
Biological description	Proteinase-activated receptor-4 activating (PAR4) agonist peptide. Proinflammatory, coagulating and analgesic effects.
Purity	> 95%
CAS Number	352017-71-1
Chemical structure	<chem>Ala-Tyr-Pro-Gly-Lys-Phe-NH2</chem>

Properties

Molecular weight	680.79
Molecular formula	$C_{34}H_{48}N_8O_7$
Sequence	AYPGKF (Modifications: C-terminal amide)
PubChem identifier	9987061
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one week. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>C[C@@H](C(=O)N[C@@H])</chem> <chem>(CC1=CC=C(C=C1)O)C(=O)N2CCC[C@H]2C(=O)NCC(=O)N[C@@H]</chem> <chem>(CCCCN)C(=O)N[C@@H](CC3=CC=CC=C3)C(=O)N)N</chem>
Source	Synthetic

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team