



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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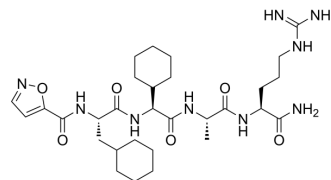
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AY254

Cat. No.:	HY-P3259
CAS No.:	2093408-03-6
Molecular Formula:	C ₃₀ H ₄₉ N ₉ O ₆
Molecular Weight:	631.77
Sequence:	{5-Isoxazolylcarbonyl-Cha}-{Chg}-Ala-Arg-NH ₂
Sequence Shortening:	{5-Isoxazolylcarbonyl-Cha}-{Chg}-AR-NH ₂
Target:	Protease Activated Receptor (PAR)
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AY254 is an analogue of AY77 (HY-138951). AY254 is ERK-biased PAR2 agonist with an EC ₅₀ of 2 nM. AY254 relieves cytokine-induced caspase 3/8 activation. AY254 also promotes scratch-wound healing and induced IL-8 secretion via PAR2-ERK1/2 signaling ^[1]
IC ₅₀ & Target	PAR2 2 nM (EC50)

REFERENCES

[1]. Jiang Y, et al. Biased Signaling by Agonists of Protease Activated Receptor 2. ACS Chem Biol. 2017 May 19;12(5):1217-1226.

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

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