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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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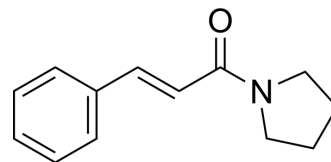
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1-Cinnamoylpyrrolidine

Cat. No.:	HY-N1620
CAS No.:	52438-21-8
Molecular Formula:	C ₁₃ H ₁₅ NO
Molecular Weight:	201.26
Target:	DNA/RNA Synthesis; Platelet-activating Factor Receptor (PAFR)
Pathway:	Cell Cycle/DNA Damage; GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	1-Cinnamoylpyrrolidine (Compound 3), a crude extract prepared from Piper caninum, is a DNA strand scission agent, induces the relaxation of supercoiled pBR322 plasmid DNA ^[1] . 1-Cinnamoylpyrrolidine (Compound 4) inhibits platelet aggregation induced by PAF with an IC ₅₀ of 37.3 μM ^[2] .
IC ₅₀ & Target	IC ₅₀ : 37.3 μM (1-Cinnamoylpyrrolidine) ^[2]

REFERENCES

- [1]. Send to Bioorg Med Chem. Ma J, et al. Phenolic acid amides: a new type of DNA strand scission agent from Piper caninum. Bioorg Med Chem. 2004 Jul 15;12(14):3885-9.
- [2]. Chen IS, et al. Amides with anti-platelet aggregation activity from Piper taiwanense. Fitoterapia. 2007 Sep;78(6):414-9. Epub 2007 May 24.

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

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