



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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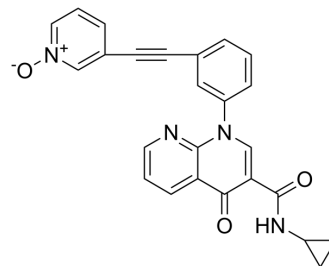
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MK-0873

Cat. No.:	HY-108047
CAS No.:	500355-52-2
Molecular Formula:	C ₂₅ H ₁₈ N ₄ O ₃
Molecular Weight:	422.44
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MK-0873 is a selective phosphodiesterase-4 (PDE4) inhibitor. MK-0873 increases intracellular levels of cyclic adenosine phosphate (cAMP) by inhibiting the activity of the PDE4 enzyme and subsequently activates protein kinase A (PKA). Activated PKA inhibits the activity of inflammatory cells and leads to direct relaxation of airway smooth muscle. MK-0873 can be used in studies of chronic obstructive pulmonary disease (COPD) ^[1] .
IC ₅₀ & Target	PDE4

REFERENCES

[1]. Boot J D, et al. MK-0873, a PDE4 inhibitor, does not influence the pharmacokinetics of theophylline in healthy male volunteers[J]. Pulmonary Pharmacology & Therapeutics, 2008, 21(3): 573-577.

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

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