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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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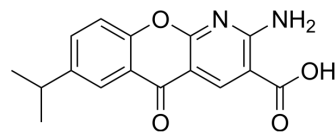
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Amlexanox (Standard)

Cat. No.:	HY-B0713R
CAS No.:	68302-57-8
Molecular Formula:	C ₁₆ H ₁₄ N ₂ O ₄
Molecular Weight:	298.29
Target:	IKK
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Amlexanox (Standard) is the analytical standard of Amlexanox. This product is intended for research and analytical applications. Amlexanox (AA673; Amoxanox; CHX3673) is a specific inhibitor of IKKε and TBK1, and inhibits the IKKε and TBK1 activity determined by MBP phosphorylation with an IC₅₀ of approximately 1-2 μM.

REFERENCES

- [1]. Reilly SM, et al. An inhibitor of the protein kinases TBK1 and IKK-e improves obesity-related metabolic dysfunctions in mice. *Nat Med.* 2013 Mar;19(3):313-21.
- [2]. Bell, J. AmLexanox for the treatment of recurrent aphthous ulcers. *Clin Drug Investig*, 2005. 25(9): p. 555-66.
- [3]. Zhang Y, et al. AmLexanox Suppresses Osteoclastogenesis and Prevents Ovariectomy-Induced Bone Loss. *Sci Rep.* 2015 Sep 4;5:13575.

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

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