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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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Laquinimod (Standard)

Cat. No.: HY-13010R

CAS No.: 248281-84-7

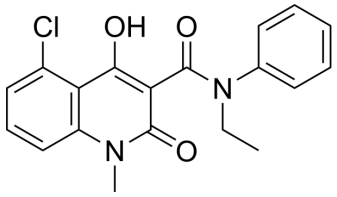
Molecular Formula: $C_{19}H_{17}ClN_2O_3$

Molecular Weight: 356.8

Target: NF-κB; Apoptosis

Pathway: NF-κB; Apoptosis

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Laquinimod (Standard) is the analytical standard of Laquinimod. This product is intended for research and analytical applications. Laquinimod (ABR-215062), an orally available carboxamide derivative, is a potent immunomodulator which prevents neurodegeneration and inflammation in the central nervous system. Laquinimod reduces astrocytic NF-κB activation to protect from Cuprizone-induced demyelination. Laquinimod has the potential for relapsing remitting (RR) and chronic progressive (CP) forms of multiple sclerosis (MS; RRMS or CPMS) as well as neurodegenerative diseases research[1][2][3][4].
IC_{50} & Target	NF-κB[3]

REFERENCES

[1]. Schulze-Topphoff, Ulf., et al. Laquinimod, a quinoline-3-carboxamide, induces type II myeloid cells that modulate central nervous system autoimmunity. PLoS One (2012), 7(3), e33797.

[2]. Toubi E, et al. Laquinimod modulates B cells and their regulatory effects on T cells in Multiple Sclerosis. J Neuroimmunol. 2012 Oct 15;251(1-2):45-54.

[3]. Brück W, et al. Reduced astrocytic NF-κB activation by laquinimod protects from cuprizone-induced demyelination. Acta Neuropathol. 2012 Sep;124(3):411-24.

[4]. Jan Thöne, et al. Laquinimod in the treatment of multiple sclerosis: a review of the data so far. Drug Des Devel Ther. 2016 Mar 14;10:1111-8.

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