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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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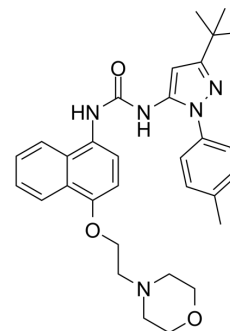
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Doramapimod (GMP)

Cat. No.:	HY-10320G
CAS No.:	285983-48-4
Molecular Formula:	C ₃₁ H ₃₇ N ₅ O ₃
Molecular Weight:	527.66
Target:	p38 MAPK
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Doramapimod GMP (BIRB 796 GMP) is an orally active inhibitor for p38 MAPK, with IC ₅₀ s of 38, 65, 200 and 520 nM, for p38α, p38β, p38γ, p38δ. Doramapimod exhibits cytotoxicity and antitumor activity against multiple myeloma, synergizes with multidrug resistance protein 1 (ABCB1) and aurora kinase inhibitor VX680, promoting their antitumor efficacy against oral epidermoid carcinoma and cervical cancer. Doramapimod also exhibits anti-inflammatory activity ^[1] .			
IC₅₀ & Target	p38α 38 nM (IC ₅₀)	p38β 65 nM (IC ₅₀)	p38γ 200 nM (IC ₅₀)	p38δ 520 nM (IC ₅₀)

REFERENCES

[1]. Cicenas J, et al., JNK, p38, ERK, and SGK1 Inhibitors in Cancer. *Cancers (Basel)*. 2017 Dec 21;10(1):1.

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

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