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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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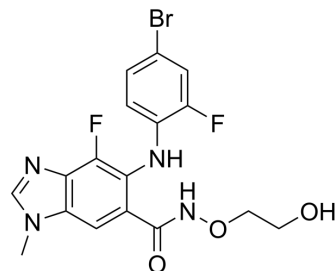
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Binimetinib (Standard)

Cat. No.:	HY-15202R
CAS No.:	606143-89-9
Molecular Formula:	C ₁₇ H ₁₅ BrF ₂ N ₄ O ₃
Molecular Weight:	441.23
Target:	Autophagy; MEK
Pathway:	Autophagy; MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Binimetinib (Standard) is the analytical standard of Binimetinib. This product is intended for research and analytical applications. Binimetinib (MEK162) is an oral and selective MEK1/2 inhibitor. Binimetinib (MEK162) inhibits MEK with an IC ₅₀ of 12 nM.
IC₅₀ & Target	IC ₅₀ : 12 nM (MEK) ^[1]

REFERENCES

- [1]. J Pheneger, et al. 2006, ACR Annual Scientific Meeting. Abst 794.
- [2]. Serra V, et al. RSK3/4 mediate resistance to PI3K pathway inhibitors in breast cancer. J Clin Invest, 2013, 123(6), 2551-2563.
- [3]. Kiessling MK, et al. Mutant HRAS as novel target for MEK and mTOR inhibitors. Oncotarget. 2015 Dec 8;6(39):42183-96.
- [4]. Cheng H, et al. PIK3CA(H1047R)- and Her2-initiated mammary tumors escape PI3K dependency by compensatory activation of MEK-ERK signaling. Oncogene. 2016 Jun 9;35(23):2961-70.
- [5]. Seip K, et al. Fibroblast-induced switching to the mesenchymal-like phenotype and PI3K/mTOR signaling protects melanoma cells from BRAF inhibitors. Oncotarget. 2016 Apr 12;7(15):19997-20015.

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

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