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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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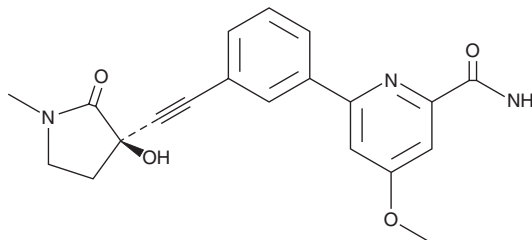
PRODUCT INFORMATION



NIK SMI1

Item No. 37750

CAS Registry No.: 1660114-31-7
Formal Name: 6-[3-[2-[(3R)-3-hydroxy-1-methyl-2-oxo-3-pyrrolidinyl]ethynyl]phenyl]-4-methoxy-2-pyridinecarboxamide
MF: C₂₀H₁₉N₃O₄
FW: 365.4
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

NIK SMI1 is supplied as a solid. A stock solution may be made by dissolving the NIK SMI1 in the solvent of choice, which should be purged with an inert gas. NIK SMI1 is soluble in the organic solvent DMSO.

Description

NIK SMI1 is an inhibitor of NF-κB-inducing kinase (NIK; $K_i = 0.23$ nM).¹ It inhibits NF-κB activation in a reporter assay using HEK293 cells ($IC_{50} = 34$ nM). NIK SMI1 inhibits B cell activating factor-induced survival of isolated mouse splenic B cells ($IC_{50} = 373$ nM).

Reference

1. Blaquiere, N., Castanedo, G.M., Burch, J.D., *et al.* Scaffold-hopping approach to discover potent, selective, and efficacious inhibitors of NF-κB inducing kinase. *J. Med. Chem.* **61**(15), 6801-6813 (2018).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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