

Product Name: NIKi

Catalog No.: 7136

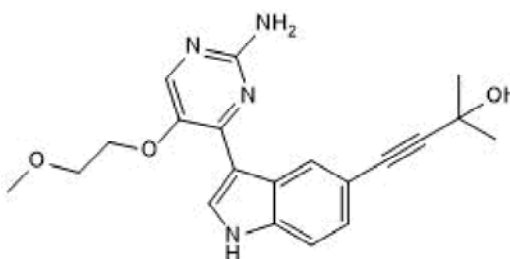
Batch No.: 1

CAS Number: 1202763-91-4

IUPAC Name: 4-[3-[2-Amino-5-(2-methoxyethoxy)-4-pyrimidinyl]-1*H*-indol-5-yl]-2-methyl-3-butyn-2-ol

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₀H₂₂N₄O₃
Batch Molecular Weight: 366.42
Physical Appearance: Pale yellow solid
Solubility: DMSO to 100 mM
Storage: Store at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.0% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	65.56	6.05	15.29
Found	65.37	6.04	15.08

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

Product Name:	NIKi	Catalog No.:	7136	1
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IUPAC Name:	4-[3-[2-Amino-5-(2-methoxyethoxy)-4-pyrimidinyl]-1H-indol-5-yl]-2-methyl-3-butyn-2-ol			

Description:

NIKi is a potent inhibitor of NF-κB-inducing kinase (NIK) activity (IC₅₀ = 20 nM).

Physical and Chemical Properties:

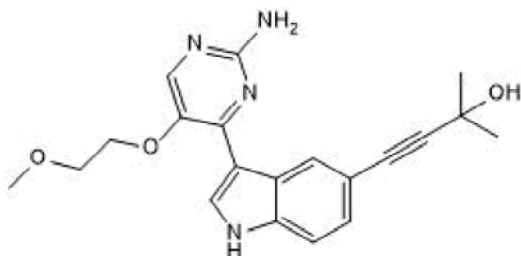
Batch Molecular Formula: C₂₀H₂₂N₄O₃

Batch Molecular Weight: 366.42

Physical Appearance: Pale yellow solid

Minimum Purity: ≥98%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Li *et al* (2013) Inhibiting NF-κB-inducing kinase (NIK): discovery, structure-based design, synthesis, structure-activity relationship, and co-crystal structures. *Bioorg.Med.Chem.Lett.* **23** 1238. PMID: 23374866.

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