bio-techne
TOCRIS

Print Date: Nov 27th 2025

Certificate of Analysis

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Product Name: **AZ'9567** **Catalog No.: 8897** **Batch No.: 1**

CAS Number: 3056570-19-2

IUPAC Name: 3-Cyclopropyl-4-[4-(difluoromethoxy)phenyl]-1,4-dihydro-6-(2-methyl-2*H*-indazol-5-yl)-5*H*-pyrazolo[4,3-*b*]pyridin-5-one

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: $C_{24}H_{19}F_2N_5O_2$

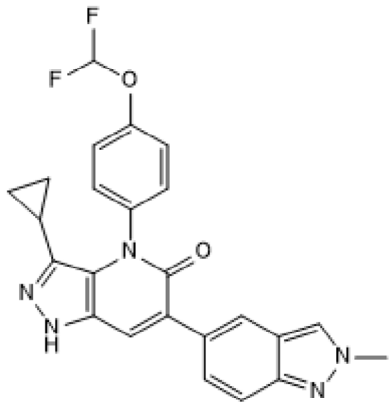
Batch Molecular Weight: 447.45

Physical Appearance: White solid

Solubility: DMSO to 100 mM
ethanol to 10 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.3% purity

^{1}H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	64.42	4.28	15.65
Found	64.18	4.25	15.58

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Description:

AZ"9567 is a potent MAT2a (methionine adenosyltransferase 2a) inhibitor (IC_{50} = 1.3 nM). AZ'9567 shows strong antiproliferative effect on methylthioadenosine phosphorylase (MTAP) null lymphoma, lung, and pancreatic cancer cell lines and in vivo in MTAP KO HCT116 xenograft mouse model (20 mg/kg twice a day). AZ"9567 is orally bioavailable.

Physical and Chemical Properties:

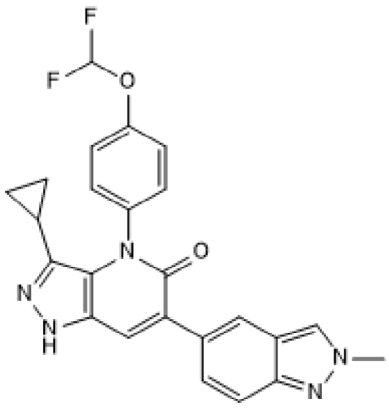
Batch Molecular Formula: $C_{24}H_{19}F_2N_5O_2$

Batch Molecular Weight: 447.45

Physical Appearance: White solid

Minimum Purity: ≥98%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM
ethanol to 10 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. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

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:

Atkinson *et al* (2024) Development of a series of pyrrolopyridone MAT2A inhibitors. J.Med.Chem. ***67*** 4541. PMID: 38466661.

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