

Product Name: GSK 2239633A

Catalog No.: 7071

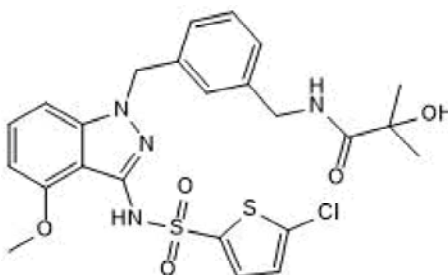
Batch No.: 1

CAS Number: 1240516-71-5

IUPAC Name: *N*-[[3-[[3-[[[(5-Chloro-2-thienyl)sulfonyl]amino]-4-methoxy-1*H*-indazol-1-yl]methyl]phenyl]methyl]-2-hydroxy-2-methylpropanamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₄H₂₅ClN₄O₅S₂
Batch Molecular Weight: 549.06
Physical Appearance: Off-white solid
Solubility: DMSO to 100 mM
Storage: Store at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.8% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	52.5	4.59	10.2
Found	52.65	4.63	10.38

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

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Description:

Potent CCR4 antagonist (pIC₅₀ = 7.83 in a ³⁵S-GTPγS competition assay). Inhibits thymus activation-regulated chemokine (TARC) -induced F-actin polymerization in human whole blood.

Physical and Chemical Properties:

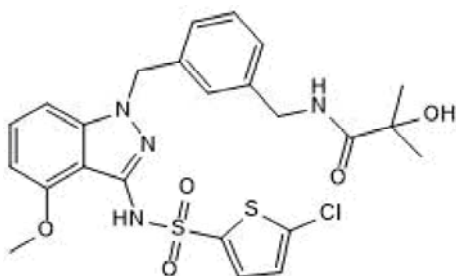
Batch Molecular Formula: C₂₄H₂₅ClN₄O₅S₂

Batch Molecular Weight: 549.06

Physical Appearance: Off-white 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:

Procopiou et al (2012) Lead optimisation of the N1 substituent of a novel series of indazole arylsulfonamides as CCR4 antagonists and identification of a candidate for clinical investigation. *Bioorg.Med.Chem.Lett.* **22** 2730. PMID: 22437117.

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