

**Product Name:** SGC AAK1 1N

**Catalog No.:** 6529

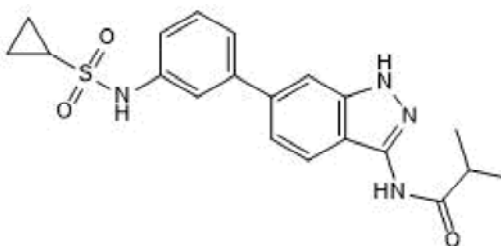
**Batch No.:** 1

CAS Number: 2242913-80-8

IUPAC Name: *N*-[6-[3-[(Cyclopropylsulfonyl)amino]phenyl]-1*H*-indazol-3-yl]-2-methylpropanamide

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>20</sub>H<sub>22</sub>N<sub>4</sub>O<sub>3</sub>S.  
**Batch Molecular Weight:** 398.48  
**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 96.8% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	60.28	5.57	14.06
Found	59.87	5.55	13.91

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

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**Description:**

SGC AAK1 1N is a negative control for SGC AAK1 1 (Cat. No. 6528).

**Physical and Chemical Properties:**

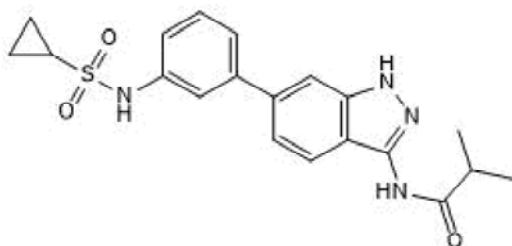
Batch Molecular Formula: C<sub>20</sub>H<sub>22</sub>N<sub>4</sub>O<sub>3</sub>S.

Batch Molecular Weight: 398.48

Physical Appearance: White solid

**Minimum Purity:** ≥97%

**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. 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.

**Licensing Information:**

This compound is supplied in conjunction with the Structural Genomics Consortium. For further characterization details, please visit the SGC-AAK1-1 probe summary on the SGC website.

**References:**

**Agajanian** (2019) WNT activates the AAK1 kinase to promote clathrin-mediated endocytosis of LRP6 and establish a negative feedback loop. *Cell Rep.* **26** (1) 79. PMID: 30605688.

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