

Product Name: NVS-CECR2-1

Catalog No.: 5744

Batch No.: 2

CAS Number: 1992047-61-6

IUPAC Name: *N*-Cyclopropyl-2-(propylsulfonyl)-6-(1-(2,2,6,6-tetramethylpiperidin-4-yl)-1*H*-indol-5-yl)pyrimidin-4-amine

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₇H₃₇N₅O₂S.½H₂O

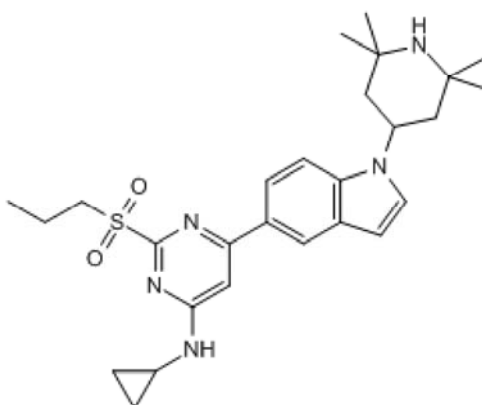
Batch Molecular Weight: 504.69

Physical Appearance: White solid

Solubility: DMSO to 100 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

TLC: R_f = 0.3 (Dichloromethane:Methanol [9:1])

HPLC: Shows >99.5% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	64.26	7.59	13.88
Found	64.14	7.88	13.79

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

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Description:

Potent and selective CECR2 (cat eye syndrome chromosome region, candidate 2) inhibitor (IC₅₀ = 47 nM). Selective for CECR2 over a panel of bromodomains. A concentration of 1 μM is recommended for use in cellular assays.

Physical and Chemical Properties:

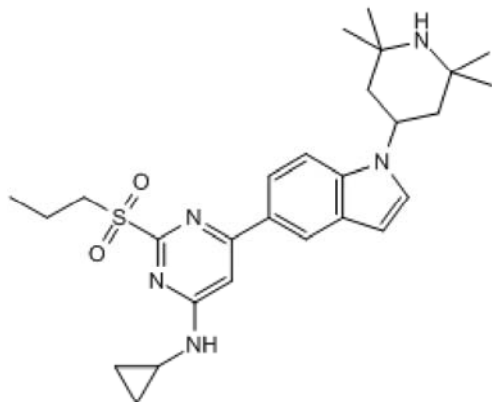
Batch Molecular Formula: C₂₇H₃₇N₅O₂S.½H₂O

Batch Molecular Weight: 504.69

Physical Appearance: 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.

Licensing Information:

This probe is supplied in conjunction with the Structural Genomics Consortium. For further characterization details, please visit the NVS-CECR2-1 probe summary on the SGC website.

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