

**Product Name:** dCeMM2

**Catalog No.:** 7525

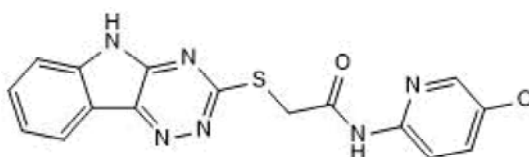
**Batch No.:** 1

CAS Number: 296771-07-8

IUPAC Name: *N*-(5-Chloro-2-pyridinyl)-2-(5*H*-1,2,4-triazino[5,6-*b*]indol-3-ylthio)acetamide

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>16</sub>H<sub>11</sub>ClN<sub>6</sub>OS  
**Batch Molecular Weight:** 370.82  
**Physical Appearance:** Pale yellow solid  
**Solubility:** DMSO to 50 mM  
**Storage:** Store at -20°C  
**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**HPLC:** Shows 99.1% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	51.82	2.99	22.66
Found	51.92	2.88	22.37

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

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**Description:**

dCeMM2 is a molecular glue degrader. Induces ubiquitination and degradation of cyclin K by eliciting an interaction of CDK12-cyclin K with a CRL4B ligase complex. dCeMM2 displays near-total degradation of protein at 2.5 μM within 2h. Cell-permeable.

**Physical and Chemical Properties:**

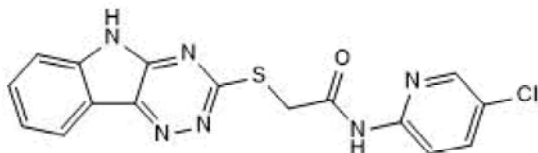
Batch Molecular Formula: C<sub>16</sub>H<sub>11</sub>ClN<sub>6</sub>OS

Batch Molecular Weight: 370.82

Physical Appearance: Pale yellow solid

**Minimum Purity:** ≥98%

**Batch Molecular Structure:**



**References:**

**Mayor-Ruiz et al** (2020) Rational discovery of molecular glue degraders via scalable chemical profiling. *Nat.Chem.Biol.* **16** 1199. PMID: 32747809.

**Storage:** Store at -20°C

**Solubility & Usage Info:**

DMSO to 50 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.

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