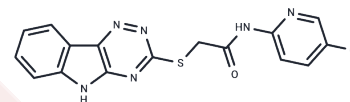


## dCeMM2

## Chemical Properties

CAS No. :	296771-07-8
Formula:	C <sub>16</sub> H <sub>11</sub> ClN <sub>6</sub> O <sub>2</sub>
Molecular Weight:	370.82
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	dCeMM2 is a glue degrader. dCeMM2 prompts an interaction of CDK12-cyclin K with a CRL4B ligase complex, leading to the ubiquitination and degradation of cyclin K.
Targets(IC50)	CDK,Molecular Glues,PROTACs

## Solubility Information

Solubility	DMSO: 16.7 mg/mL (45.04 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 1.5 mg/mL (4.05 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6967 mL	13.4836 mL	26.9673 mL
5 mM	0.5393 mL	2.6967 mL	5.3935 mL
10 mM	0.2697 mL	1.3484 mL	2.6967 mL
50 mM	0.0539 mL	0.2697 mL	0.5393 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Mayor-Ruiz C, et al. Rational discovery of molecular glue degraders via scalable chemical profiling [published correction appears in Nat Chem Biol. 2021 Mar;17(3):361]. Nat Chem Biol. 2020;16(11):1199-1207.

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