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## Produktinformation



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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Kenpaullone

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GSK3Beta,CDK2 and LCK Inhibitor  
Catalog No. SIH-598

## Product Name

Kenpaullone

## Description

GSK3Beta,CDK2 and LCK Inhibitor

## Purity

&gt;98% (HPLC); NMR (conforms)

## CAS No.

142273-20-9

## Molecular Formula

 $C_{16}H_{11}BrN_2O$ 

## Molecular Weight

327.2

## Field Of Use

Not for use in humans. Not for use in diagnostics or therapeutics. For in vitro research use only.

## Properties

### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

May be dissolved in DMSO (35 mg/ml)

## Source

Synthetic

## Appearance

Beige powder

## SMILES

C1C2=C(C3=CC=CC=C3NC1=O)NC4=C2C=C(C=C4)Br

## InChI

InChI=1S/C16H11BrN2O/c17-9-5-6-14-11(7-9)12-8-15(20)18-13-4-2-1-3-10(13)16(12)19-14/h1-7,19H,8H2,(H,18,20)

## InChIKey

QQUXFYAWXPMDOE-UHFFFAOYSA-N

## Safety Phrases

Classification: Caution: Substance not yet fully tested.

Safety Phrases:

S22 - Do not breathe dust

S24/25 - Avoid contact with skin and eyes

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

## Cite This Product

Kenpaullone (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-598)

## Biological Description

### Alternative Names

9-Bromo-7,12-dihydro-indolo[3,2-d][1]benzazepin-6(5H)-one; NSC-664704

### Research Areas

Apoptosis, Cancer, Cdks, Cell Signaling, Protein Phosphorylation, Serine / Threonine Kinases

### PubChem ID

3820

### Scientific Background

Kenpaullone is a potent inhibitor of CK1 and CDK2, and slightly less on CDK5, by competitive inhibition of adenosine triphosphate (ATP) binding. It is also useful as an inhibitor of GSK3Beta.

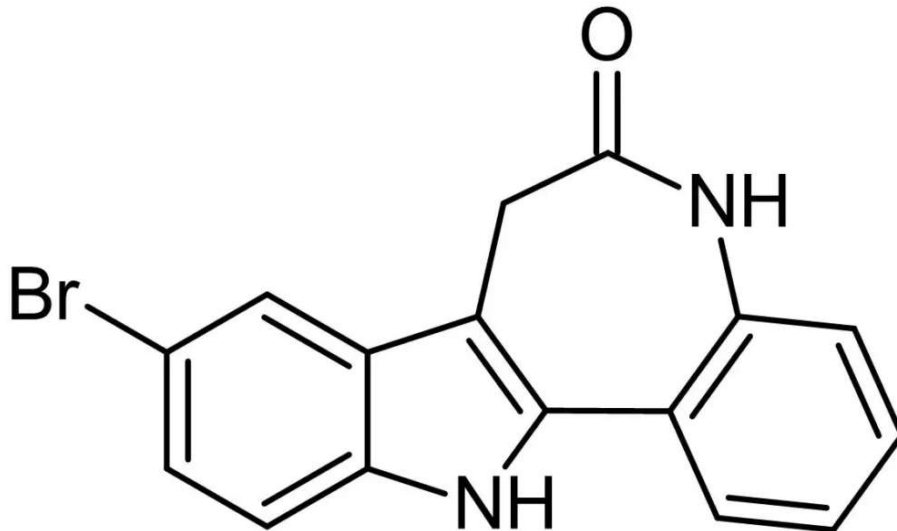
## References

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1. <https://www.sciencedirect.com/topics/pharmacology-toxicology-and-pharmaceutical-science/kenpaullone>
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## Product Images

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Chemical structure of Kenpaullone (SIH-598), a GSK3Beta,CDK2 and LCK Inhibitor. CAS #: 142273-20-9. Molecular Formula: C<sub>16</sub>H<sub>11</sub>BrN<sub>2</sub>O. Molecular Weight: 327.2 g/mol.

## Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.

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