Overview

**Product name**
Gossypin, Chk1/Cdc25C activator

**Description**

**Purity**
> 98%

**General notes**
This product is manufactured by BioVision, an Abcam company and was previously called 2374 Gossypin. 2374-250 is the same size as the 250 mg size of ab145623.

**CAS Number**
652-78-8

**Chemical structure**

![Chemical structure of Gossypin](image)

Properties

**Chemical name**
2-(3,4-Dihydroxyphenyl)-3,5,7-trihydroxy-8-[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxychromen-4-one

**Molecular weight**
480.38

**Molecular formula**
C$_{21}$H$_{20}$O$_{13}$

**PubChem identifier**
5281621

**Storage instructions**
Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.

**Solubility overview**
Soluble in DMSO to 25 mM

**Handling**
Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be usable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions](link).
**SMILES**

C1=CC(=C1C2=C(C(=O)C3=C(O2)C(=C(C(=O)C3O)O)O[C@H]4[C@@H][C@H][C@H][C@H][C@H][C@H][C@H][C@H][C@H][C@H][C@H][C@H][C@H][C@H][C@H] ([C@H](O4)CO)O)O)O)O)O

**Source**

*Hibiscus vitifolius*

**Images**

2D chemical structure image of ab145623, Gossypin, Chk1/Cdc25C activator

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