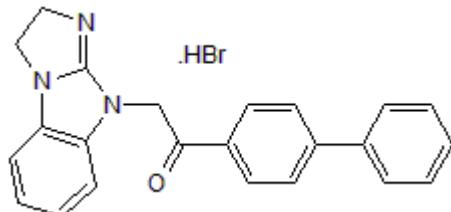


**Certificate of Analysis**[www.tocris.com](http://www.tocris.com)**Product Name:** CCT 031374 hydrobromide**Catalog No.:** 4675**Batch No.:** 1**CAS Number:** 1219184-91-4**IUPAC Name:** 1-[1,1'-Biphenyl]-4-yl-2-(2,3-dihydro-9H-imidazo[1,2-a]benzimidazol-9-yl)ethanone hydrobromide**1. PHYSICAL AND CHEMICAL PROPERTIES****Batch Molecular Formula:** C<sub>23</sub>H<sub>19</sub>N<sub>3</sub>O.HBr**Batch Molecular Weight:** 434.33**Physical Appearance:** Pale yellow solid**Solubility:** DMSO to 50 mM**Storage:** Desiccate at RT**Batch Molecular Structure:****2. ANALYTICAL DATA****HPLC:** Shows 98.4% purity**<sup>1</sup>H NMR:** Consistent with structure**Mass Spectrum:** Consistent with structure**Microanalysis:** Carbon Hydrogen Nitrogen

	Theoretical	63.6	4.64	9.67
	Found	63.62	4.68	9.61

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

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## Product Information

[www.tocris.com](http://www.tocris.com)**Product Name:** CCT 031374 hydrobromide**Catalog No.:** 4675**Batch No.:** 1

CAS Number: 1219184-91-4

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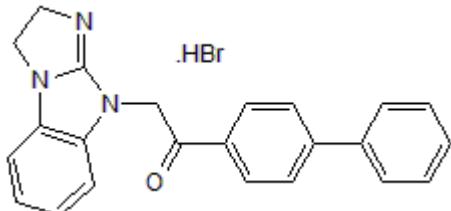
**Description:**

Inhibitor of TCF-dependent transcription. Blocks BIO-induced  $\beta$ -catenin stabilization; reduces nuclear and cytosolic  $\beta$ -catenin levels in mouse L-cells. Inhibits growth and reduces TCF-dependent transcription in SW480 colon carcinoma cells.

**Physical and Chemical Properties:**Batch Molecular Formula: C<sub>23</sub>H<sub>19</sub>N<sub>3</sub>O.HBr

Batch Molecular Weight: 434.33

Physical Appearance: Pale yellow solid

**Minimum Purity:** >98%**Batch Molecular Structure:****Storage:** Desiccate at RT**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.

**References:**

Ewan *et al* (2010) A useful approach to identify novel small-molecule inhibitors of Wnt-dependent transcription. *Cancer Res.* **70** 5963. PMID: 20610623.

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