

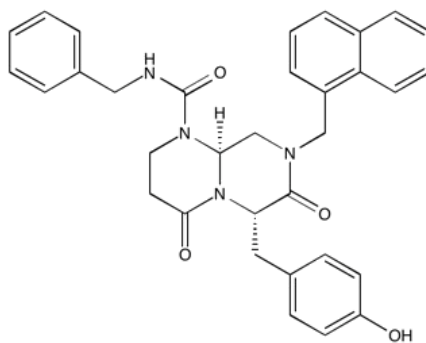
**Catalog # 10-4378**

**ICG-001**

847591-62-2

(6S,9aS)-Hexahydro-6-[(4-hydroxyphenyl)methyl]-8-(1-naphthalenylmethyl)-4,7-dioxo-N-(phenylmethyl)-2H-pyrazine[1,2-a]pyrimidine-1(6H)-carboxamide

Lot # FBM4024



Inhibits TCF/ $\beta$ -catenin mediated transcription by specifically blocking  $\beta$ -catenin/CBP interaction.

- 1) Emami *et al.* (2004), *A small molecule inhibitor of  $\beta$ -catenin/CREB-binding protein transcription*; Proc. Natl. Acad. Sci. USA, **101** 12682
- 2) Zhou *et al.* (2012), *Interactions between  $\beta$ -catenin and transforming growth factor- $\beta$  signaling pathways mediate epithelial-mesenchymal transition and are dependent on the transcription co-activator cAMP-response element-binding protein (CERB)-binding protein (CBP)*; J. Biol. Chem., **287** 7026

**PHYSICAL DATA**

|                        |  |
|------------------------|--|
| Molecular Weight:      | 548.63   |
| Molecular Formula:     | C <sub>33</sub> H <sub>32</sub> N <sub>4</sub> O <sub>4</sub>  |
| Purity:                | 98% by TLC   |
|                        | NMR: (Conforms)  |
| Solubility:            | DMSO (up to 50 mg/ml) or Ethanol (up to 25 mg/ml)  |
| Physical Description:  | Off-white solid  |
| Storage and Stability: | Store as supplied at -20°C for up to 1 year from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months. |

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