

ICG-001

Cat. No. CEI-0452

Lot. No. (See product label)

Introduction

Description A specific inhibitor of Wnt/ β -catenin signaling pathway. It down-regulates beta-catenin/T cell factor signaling by specifically binding to cyclic AMP response element-binding protein (CBP). ICG-001 selectively induces apoptosis in transformed cells but not in normal colon cells, reduces in vitro growth of colon carcinoma cells, and is efficacious in the Min mouse and nude mouse xenograft models of colon cancer.

Product Information

Appearance Off-white solid

CAS No. 847591-62-2

Molecular Formula C₃₃H₃₂N₄O₄

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

Molecular Weight 516.67

Purity >95% by HPLC

Targets CREB1

Solubility DMSO (>10 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack