

Product Name : ICG-001

Synonyms : —

Cat No. : M15944

CAS Number : 780757-88-2

Molecular Formula : CHNO

Formula Weight : 548.63

Chemical Name : —

Description : ICG-001 is an antagonist of Wnt/ β -catenin/TCF-mediated transcription and specifically binds to element-binding protein (CBP) with IC₅₀ of 3 μ M.

Pathway : Wnt/Notch/Hedgehog

Target : Wnt/beta/catenin

Receptor : IC₅₀: 3 μ M (CBP)

Solubility : 10 mM in DMSO

SMILES : O=C(NCC1=CC=CC=C1)N2CCC(N(C(=O)CC4=C5C=CC(=C4)[H])[C@H]3CC6=CC=C(C=C6)O)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Yan D, et al, Leptin-induced epithelial-mesenchymal transition in breast cancer cells requires β -catenin activation via Akt/GSK3- and MTA1/Wnt1 protein-dependent pathways. J Biol Chem, 2012, 287(11), 8598-8612.

