

IM-12

Catalog No: tcsc3399



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1129669-05-1

Formula:

$C_{22}H_{20}FN_3O_2$

Pathway:

Stem Cell/Wnt;PI3K/Akt/mTOR

Target:

GSK-3;GSK-3

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 54.9 mg/mL (145.47 mM)

Observed Molecular Weight:

377.41

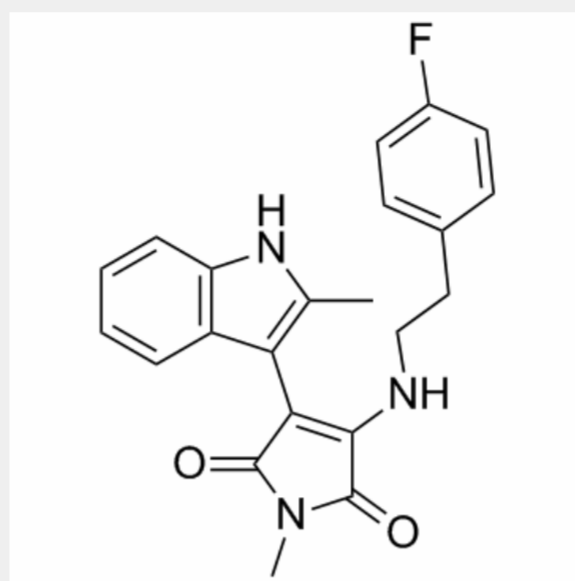
Product Description

IM-12 is an inhibitor of **GSK-3 β** , with an **IC₅₀** of 53 nM, and also enhances Wnt signalling.

IC50 & Target: IC50: 53 nM (GSK-3 β)^[1]

In Vitro:

IM-12 inhibits GSK-3 β in ReNcell VM cells, with I₅₀ of 3.8 μ M. IM-12 (3 μ M) enhances the β -catenin amount, with no further effect at lower or higher concentration. IM-12 (3 μ M) also attenuates the proliferation of ReNCell VM cells. IM-12 increases TCF-activity of ReNcell VM^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!