

WAY-262611

Catalog No: tcsc3286



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

1123231-07-1

Formula:

$C_{20}H_{22}N_4$

Pathway:

Stem Cell/Wnt

Target:

β-catenin

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 42 mg/mL (131.90 mM)

Observed Molecular Weight:

318.42

Product Description

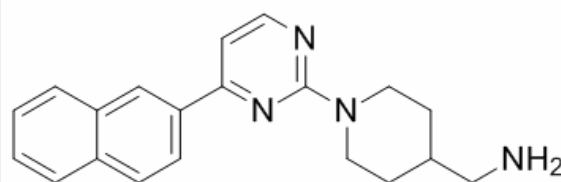
WAY-262611 is a wingless **β-Catenin** agonist that increases bone formation rate with an **EC₅₀** of 0.63 μM in TCF-Luciferase assay.

IC50 & Target: EC50: 0.63 μM (β-Catenin)^[1]

In Vitro: WAY-262611 has the most potent activity in the primary assay, low kinase inhibition potential, and high solubility^[1].

In Vivo:

WAY-262611 has excellent pharmacokinetic properties and shows a dose dependent increase in the trabecular bone formation rate in ovariectomized rats following oral administration. Calvariae from wt mice treated with WAY-262611 shows statistically increased BFR, while similarly treated KO animals are no different from control. This indicates that WAY-262611 is acting via the Wnt β -catenin pathway and most likely through inhibition of Dkk-1^[1].



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