

Product Data Sheet

Product Name: WAY 262611 dihydrochloride

Cat. No.: GB40410

Chemical Properties

Cas. No. 2108968-58-5

Formula $C_{20}H_{22}N_4 \cdot 2HCl$

M.Wt 391.34

Solubility

Storage

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Inhibitor of Dickkopf-1 (DKK1); WAY 262611 is a wingless Wnt/ β -Catenin signaling agonist with an inhibitory effect on DKK1, displaying an EC₅₀ value of 0.63 μ M for DKK1-mediated TCF-Luciferase, no affinity for GSK-3 β (IC₅₀ value >100 μ M) and enhancing the bone formation rate in ovariectomized (OVX) rats following oral administration. Dickkopf-1 (DKK1) is a soluble inhibitor of Wnt-3a mediated Wnt/ β -catenin signaling required for embryonic head development. It regulates Wnt signaling by binding to the Wnt coreceptor lipoprotein-related protein-5 (LRP5)/Arrow, and Kremen2 (Kr2) simultaneously.

Caution: Product has not been fully validated for medical applications. For research use only.

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