
Product Data Sheet

Product Name: Wnt/ β -catenin agonist 4

Cat. No.: GC68028

Chemical Properties

Cas. No. 912784-79-3

Formula $C_{16}H_{15}FN_4O_2$

M.Wt 314.31

Solubility DMSO : 125 mg/mL (397.70 mM; Need ultrasonic)

Storage 4°C, protect from light

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

Wnt/ β -catenin agonist 4 (Derivative 83) is an agonist of **Wnt** that activates **Wnt/ β -catenin** signal transmission^[1].

Wnt/ β -catenin agonist 4 (Derivative 83) (120 μ M; 24 h) shows 1049% β -catenin activity in HEK293 and SW480 cells^[1].

Wnt/ β -catenin agonist 4 (11 μ M; 4 days) shows 2848% ALP activity on differentiation of ST2 cell line into osteoblasts^[1].

[1]. Jeong Woo Cho, et al. Isoxazole derivatives and use thereof. Patent WO2007078113A1.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA