
Product Data Sheet

Product Name: Wnt/ β -catenin agonist 1

Cat. No.: GC37937

Chemical Properties

Cas. No. 2305372-67-0

SMILES CCN1CC2=CC(OCC3=CC(C)=NN3C)=C(O)C=C2C4=C1C(C)=CC=C4Formula $C_{22}H_{25}N_3O_2$ M.Wt 363.45Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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 1 (compound 3f) is a Wnt/ β -catenin signalling pathway agonist, with an EC_{50} of $0.27 \mu M$ [1].

EC_{50} : $0.27 \mu M$ (Wnt/ β -catenin)[1].

[1]. Chen DZ, et al. Design, synthesis and structure-activity relationship optimization of phenanthridine derivatives as new Wnt/ β -catenin signalling pathway agonists. *Bioorg Chem.* 2019 Mar;84:285-294.

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

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