

Product Data Sheet

Product Name: hCA/Wnt/ β -catenin-IN-1

Cat. No.: GC73573

Chemical Properties

Cas. No. 3032826-63-1

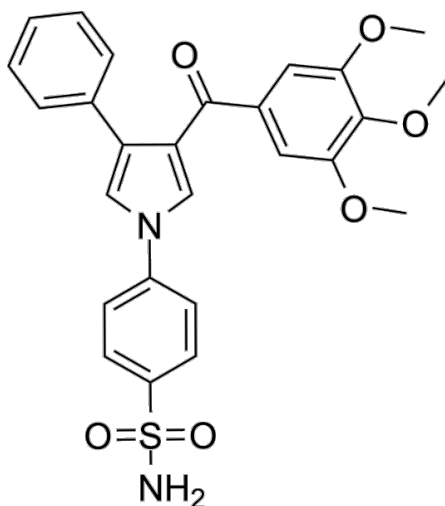
Formula $C_{26}H_{24}N_2O_6S$ M.Wt 492.54

Solubility DMSO : 125 mg/mL (253.79 mM; Storage -20°C
Need ultrasonic)

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

hCA/Wnt/ β -catenin-IN-1 (Compd 15) is an inhibitor of hCA (K_i : 33.6, 24.1, 6.8 nM for hCA II, hCA IX, hCA XII). hCA/Wnt/ β -catenin-IN-1 reduces P-gp activity. hCA/Wnt/ β -catenin-IN-1 also inhibits Wnt/ β -

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

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catenin signaling pathway. hCA/Wnt/ β -catenin-IN-1 inhibits cancer cell viability, including the NCI/ADR-RES DOX-resistant cell line.

References:

[1]. Masci D, et al. 4-(3-Phenyl-4-(3,4,5-trimethoxybenzoyl)-1H-pyrrol-1-yl)benzenesulfonamide, a Novel Carbonic Anhydrase and Wnt/ β -Catenin Signaling Pathway Dual-Targeting Inhibitor with Potent Activity against Multidrug Resistant Cancer Cells. J Med Chem. 2023 Oct 30.

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