

Product Data Sheet

Product Name: iCRT5
Cat. No.: GB40238

Chemical Properties

Cas. No. 18623-44-4

Formula $C_{16}H_{17}NO_5S_2$ M.Wt 367.44

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

iCRT5 (18623-44-4) is a selective CRT (β -catenin-responsive transcription) inhibitor. IC_{50} =18 nM for Wnt responsive STF16 luciferase. Acts via interfering with the β -catenin, TCF4 interaction. Displays poor inhibition of cell proliferation in triple-negative breast cancer cells. Increases the surface expression of MHCII, CD80 and CD86 on unstimulated dendritic cells (DCs) with no detrimental effects on immune-phenotype of stimulated DCs. Modulators of Wnt signaling show great promise in animal models of several cancers. Cell permeable.

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

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