

Product Data Sheet

Product Name: cis-Revumenib

Cat. No.: GC79152

Chemical Properties

Cas. No.

Formula $C_{32}H_{47}FN_6O_4S$ M.Wt 630.82

Solubility DMSO: 100 mg/mL (158.52 mM; Need ultrasonic) Storage Store at -20°C

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



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

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Background

cis-Revumenib (cis-SNDX-5613) is an isomer of Revumenib. Revumenib (SNDX-5613) is a potent and specific Menin-MLL inhibitor with a binding K_i of 0.149 nM and a cell based IC_{50} of 10-20 nM. Revumenib can be used for the research of MLL-rearranged (MLL-r) acute leukemias, including acute lymphoblastic leukemia (ALL) and acute myeloid leukemia (AML) [1].

In Vivo, Revumenib shows in vivo plasma IC_{50} of 53 nM. Revumenib treatment provides significant survival benefit and leukemic control in aggressive MOLM-13 disseminated xenografts [1].

References:

[1]. A drug, SNDX-5613, to treat acute leukemia with a KMT2A translocation or an NPM1 mutation that has come back (relapsed) or has not gotten better with treatment (refractory).

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