
Product Data Sheet

Product Name: (R)-Nedisertib

Cat. No.: GC34444

Chemical Properties

Cas. No. 1637542-32-5

SMILES C1C=C([C@@H](O)C2=NN=C(OC)C=C2)C=C(C3=C4C=CC(N5CCOCC5)=CC4=NC=N3)C(F)=C1Formula $C_{24}H_{21}ClFN_5O_3$ M.Wt 481.91

Solubility DMSO : 100 mg/mL (207.51 mM) 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 **Background**

(R)-Nedisertib ((R)-M3814) is a less active R-enantiomer of Nedisertib, with an IC₅₀ in the range of 7-30 nM for DNA-PK[1]. DNA-PK|7-30 nM (IC₅₀)

Rac-Nedisertib (Compound 135) less actively inhibits DNA-PK, with an IC₅₀ in the range of 7-30 nM[1].

[1]. Thomas Fuchss, et al. Arylchinazoline. WO2014183850A1.

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

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