

Product Data Sheet

Product Name: MNK inhibitor 9

Cat. No.: GC75058

Chemical Properties

Cas. No. 1889336-59-7

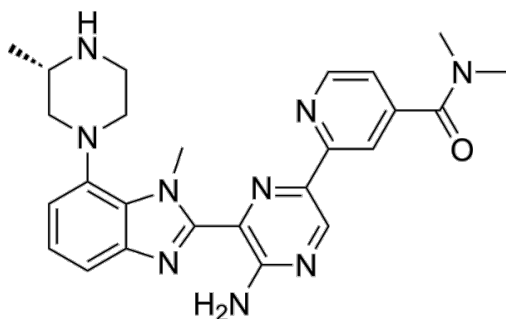
Formula $C_{25}H_{29}N_9O$ M.Wt 471.56

Solubility DMSO: 6.67 mg/mL (14.14 mM); ultrasonic and warming and heat to 60°C) Storage -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

MNK inhibitor 9 is a potent and selective inhibitor of MNK1/2 with IC_{50} values of 0.003 μ M and 0.003 μ M for MNK1 and MNK2 respectively. MNK inhibitor 9 has good cell permeability. MNK inhibitor 9 can be used in tumor related research^[1].

References:

[1]. Han W, et al. Discovery of a Selective and Potent Inhibitor of Mitogen-Activated Protein Kinase-

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

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Interacting Kinases 1 and 2 (MNK1/2) Utilizing Structure-Based Drug Design. J Med Chem. 2016 Apr 14;59(7):3034-45.

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