
Product Data Sheet

Product Name: NIC3
Cat. No.: GC36735

Chemical Properties

Cas. No. 494830-67-0

SMILES CC(C)(C)C1=CC=C(OCC(NCCNC(COC2=CC=C(C(C)(C)C)C=C2)=O)=O)C=C1

Formula C₂₆H₃₆N₂O₄ M.Wt 440.58

Solubility Soluble in DMSO 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

NIC3 is a selective nucleus accumbens-associated protein-1 (NAC1) inhibitor, binds to the conserved Leu-90 of NAC1, prevents its homodimerization, and leads to proteasomal NAC1 degradation. Anti-cancer activity[1]. NAC1[1]

[1]. Wang X, et al. Identification of a small-molecule compound that inhibits homodimerization of oncogenic NAC1 protein and sensitizes cancer cells to anticancer agents. J Biol Chem. 2019 May 17. pii: jbc.RA119.007664.

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

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