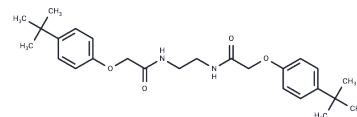


NIC3

Chemical Properties

CAS No. : 494830-67-0
 Formula: C₂₆H₃₆N₂O₄
 Molecular Weight: 440.58
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	NIC3 is a selective nucleus accumbens-associated protein-1 (NAC1) inhibitor, with anti-cancer activity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 21.67 mg/ml (49.18 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2697 mL	11.3487 mL	22.6974 mL
5 mM	0.4539 mL	2.2697 mL	4.5395 mL
10 mM	0.227 mL	1.1349 mL	2.2697 mL
50 mM	0.0454 mL	0.227 mL	0.4539 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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