
Product Data Sheet

Product Name: N106
Cat. No.: GC50234

Chemical Properties

Cas. No. 862974-25-2

SMILES COC1=C(N=C(NC2=NN=C(C3=CC=C(OC)C=C3)O2)S4)C4=CC=C1

Formula $C_{17}H_{14}N_4O_3S$ M.Wt 354.38

Solubility DMSO: 20 mg/ml 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

Activator of SUMO-activating enzyme, E1 ligase. Increases SERCA2a SUMOylation and activity, and enhances contractility in rat cardiomyocytes in vitro. Improves ventricular function in a mouse model of heart disease.

Kho et al (2015) Small-molecule activation of SERCA2a SUMOylation for the treatment of heart failure. Nat. Commun. 6 7229 PMID:26068603

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

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